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| , |
| Business Internet Banking |
| Test Script |
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| (PENRIL/AGRO-IB/TS-003)Revision: 01 |
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****Revision****

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| **Rev. No** | **Date Updated** | **Description Of** **Change** | **Updated By****<Name, Dept>** | **Reviewed By****<Name, Dept>** | **Approved By <Name, Dept>** |
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# FIRST TIME LOGIN (FTL)

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| Test Ref :  | **AGRO/BIB/CA001** |
| Test Data Source: | **Penril/AgroIB/TS003\_BIB - Test Script (Rev.01)** |
| Module / Screen: | **BIB - First Time Login for Corporate Administrator** |
| Objectives: | **Test basic system functionality that allows users to login as BIB user.** |

\*Notes: For Corporate Administrator, the user will receive SMS PIN from the Bank to activate the BIB account.

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 1.1 | **Test on First Time Login Functionality** | ***Agro-BIB>First Time Login*** 1. Click on **“First Time Login”** hyperlink
2. Click on “**Corporate Administrator”** hyperlink
 | Go To First Time Login for Corporate Admin page - Step 1 of 3 |  |  |  |
| 1.1.1 | **Test on Cancel Button Functionality**  | ***Agro-BIB>First Time Login*** 1. Click on “**Cancel”** Button
 | Go to First Time Login Selection Page |  |  |  |
| 1.2 | **Test on Username & Pin No Functionality – Step 1 of 3** | ***Agro-BIB>First Time Login>Corporate Administrator***1. Enter “**Username”**
2. Enter **“Pin Number”**
3. Click on “**Next”** Button
 | Go To Reset Password Page  |  |  |  |
| 1.2.1 | **Test on Username & Pin No Functionality****- Enter Empty Value or Space to Username** | ***Agro-BIB>First Time Login>Corporate Administrator*** 1. Enter **“ “** to “**Username**”
2. Enter “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:<Username is Required> |  |  |  |
| 1.2.2 | **Test on Username & Pin No Functionality****- Enter alphanumeric and special character to Username** | ***Agro-BIB>First Time Login*** 1. Enter “**as12@# “** to “**Username**”
2. Enter “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:< Wrong username or PIN number.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 1.2.3 | **Test on Username & Pin No Functionality****- Enter Less than 6 characters or Invalid to Username** | ***Agro-BIB>First Time Login*** 1. Enter **“asdd5“** to “Username”
2. Enter “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:< Wrong username or PIN number > |  |  |  |
| 1.2.4 | **Test on Username & Pin No Functionality****- Enter more than 16 characters or Invalid to Username** | ***Agro-BIB>First Time Login*** 1. Enter **“asdd5678bank345678“** to “**Username**”
2. Enter “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:< Wrong username or PIN number> |  |  |  |
| 1.2.5 | **Test on Username & Pin No Functionality****- Enter Empty Value to Pin Number** | ***Agro-BIB>First Time Login*** 1. Enter “**Username**”
2. Enter “ “ to “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:< PIN No is required.> |  |  |  |
| 1.2.6 | **Test on Username & Pin No Functionality** **- Enter Alphanumeric Value to Pin Number** | ***Agro-BIB>First Time Login*** 1. Enter “**Username**”
2. Enter “**Bank56** “ to “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:<Wrong Username or pin number> |  |  |  |
| 1.2.7 | **Test on Username & Pin No Functionality****- Enter Less than 6 characters or Invalid to Pin No** | ***Agro-BIB>First Time Login*** 1. Enter “**Username**”
2. Enter “**12345** “ to “**Pin Number**”
3. Click “**Next**” Button
 | Error Message:< Wrong username or PIN number > |  |  |  |
| 1.2.8 | **Test on Cancel Button Functionality** | ***Agro-BIB>First Time Login*** 1. Click on **Cancel** Button
 | Go to First Time Login Selection Page |  |  |  |
| 1.3 | **Test on Reset Password and Confirm Password Functionality**  | ***Agro-BIB>First Time Login>Corporate Administrator>*** 1. Enter “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Go to First time login Result Page – Step 3 of 3 |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 1.3.1 | **Test on Password and Confirm Password Functionality****- Enter Empty Value or Space to Password** | ***Agro-BIB>First Time Login*** 1. Enter “ “ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password is required. > |  |  |  |
| 1.3.2 | **Test on Password and Confirm Password Functionality****- Enter Less than 8 characters to Password** | ***Agro-BIB>First Time Login*** 1. Enter “ **Pass5**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be at least 8 characters / digits.> |  |  |  |
| 1.3.3 | **Test on Password and Confirm Password Functionality****- Enter more than 18 characters to Password** | ***Agro-BIB>First Time Login*** 1. Enter “**Password90123456789**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 1.3.4 | **Test on Password and Confirm Password Functionality****- Enter special characters to Password** | ***Agro-BIB>First Time Login*** 1. Enter “**Pass@word**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 1.3.5 | **Test on Password and Confirm Password Functionality****- Enter alphabetic characters all lowercase to Password** | ***Agro-BIB>First Time Login*** 1. Enter “**password**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 1.3.6 | **Test on Password and Confirm Password Functionality****- Enter alphabetic characters all uppercase to Password** | ***Agro-BIB>First Time Login*** 1. Enter “**PASSWORD**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet. > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 1.3.7 | **Test on Password and Confirm Password Functionality****- Enter numeric characters to Password** | ***Agro-BIB>First Time Login*** 1. Enter “**123456789**“ to “**Password**”
2. Enter “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 1.3.8 | **Test on Password and Confirm Password Functionality****- Enter Empty Value or Space to Confirm Password** | ***Agro-BIB>First Time Login*** 1. Enter “**Password**”
2. Enter “ “ to “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Confirm Password is required. > |  |  |  |
| 1.3.9 | **Test on Password and Confirm Password Functionality****- Enter Different Value to Confirm Password** | ***Agro-BIB>First Time Login*** 1. Enter “**Pasword9**” to “**Password**”
2. Enter “**Password9012**“ to “**Confirm Password’**
3. Click “**Next**”
 | Error Message:< Confirm Password must be the same as Password > |  |  |  |
| 1.4 | **Test on Next Button Functionality** | ***Agro-BIB>First Time Login*** 1. Click on **Proceed to Login** Button
 | Go to First time login result PageStep 3/3 |  |  |  |
| 1.5 | **Test on Proceed to Login Button Functionality** | ***Agro-BIB>First Time Login*** 1. Click on **Proceed to Login** Button
 | Go to Login Page |  |  |  |

# LOGIN

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| Test Ref :  | **AGRO/BIB002** |
| Test Data Source: | **Penril/AgroIB/TS002\_BIB - Test Script (Rev.01)** |
| Module / Screen: | **BIB – Login as Corporate Administrator** |
| Objectives: | **Test basic system functionality that allows users to login as BIB user.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 2.1 | **Test on Username & Password Functionality** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Go to login with Appropriate Role |  |  |  |
| 2.1.1 | **Test on Username & Password Functionality****– Enter Empty Value or Space to Username** | ***Agro-BIB>Login Page***1. Enter “ “ to “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Error Message : < Username is required.>  |  |  |  |
| 2.1.2 | **Test on Username & Password Functionality****– Enter less than 6 characters to Username** | ***Agro-BIB>Login Page***1. Enter “**user5**“ to “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Error Message : < Invalid username or password.> |  |  |  |
| 2.1.3 | **Test on Username & Password Functionality****– Enter more than 16 characters to Username** | ***Agro-BIB>Login Page***1. Enter “**userName90123456789**“ to “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Error Message : < Invalid username or password.> |  |  |  |
| 2.1.4 | **Test on Username & Password Functionality****– Enter Special Characters to Username** | ***Agro-BIB>Login Page***1. Enter “**User@Name**“ to “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Error Message : < Invalid username or password.> |  |  |  |
| 2.1.5 | **Test on Username & Password Functionality****– Enter Invalid Username to Username** | ***Agro-BIB>Login Page***1. Enter “**UserName**“ to “**Username**”
2. Enter “**Password**”
3. Click on **Login** button
 | Error Message:<Your role is incorrect.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 2.1.6 | **Test on Username & Password Functionality****– Enter Empty Value or Space to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “ “ to “**Password**”
3. Click on **Login** button
 | Error Message: < Password is required.> |  |  |  |
| 2.1.7 | **Test on Username & Password Functionality****– Enter less than 8 characters to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**Pass56**“ to “**Password**”
3. Click on **Login** button
 | Error Message: < Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 2.1.8 | **Test on Username & Password Functionality****– Enter more than 12 characters to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**Password9012345**“ to “**Password**”
3. Click on **Login** button
 | Error Message : < Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 2.1.9 | **Test on Username & Password Functionality****– Enter Alphabetic characters all Lowercase to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**password**“ to “**Password**”
3. Click on **Login** button
 | Error Message : < Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 2.1.10 | **Test on Username & Password Functionality****– Enter Alphabetic characters all Uppercase to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**PASSWORD**“ to “**Password**”
3. Click on **Login** button
 | Error Message : < Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 2.1.11 | **Test on Username & Password Functionality****– Enter Numeric characters to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “**123456789**“ to “**Password**”
3. Click on **Login** button
 | Error Message : < Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 2.1.12 | **Test on Username & Password Functionality****– Enter Special Characters to Password** | ***Agro-BIB>Login Page***1. Enter “**Username**”
2. Enter “ “ to “**Password**”
3. Click on **Login** button
 | Error Message : <Password must be at least 8 characters / digits. At least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |

# RESET PASSWORD / UNBLOCK USER

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| Test Ref :  | **AGRO/BIB003** |
| Test Data Source: | **Penril/AgroIB/TS002\_BIB - Test Script (Rev.01)** |
| Module / Screen: | **BIB – Reset Password for Corporate Administrator** |
| Objectives: | **Test basic system functionality that allows users to reset password.** |

Notes: Authentication for Corporate Administrator will be based on username and SMS PIN. User need to call IB Contact Center to reset password and require for the sms pin.

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 3.1 | **Test on Forget My Password Functionality** | ***Agro-BIB >Forgot My Password***1. Click “**Forgot my Password”** link
 | Go To Reset Password Selection Page |  |  |  |
| 3.2 | **Test on Corporate Administrator Hyperlink Functionality** | ***Agro-BIB >Forgot My Password***1. Click “**Corporate Administrator”** hyperlink
 | Go to Reset Password PageStep 1 / 3 |  |  |  |
| 3.2.1 | **Test on Cancel Button Functionality** | ***Agro-BIB >Forgot My Password***1. Click on **“Cancel”** Button
 | Go to Login Page |  |  |  |
| 3.3 | **Test on Username and Pin No Functionality - Step 1 of 3** | ***Agro-BIB >Forgot My Password***1. Enter “**Username”**
2. Enter **“Pin Number”**
3. Click on “**Next”** Button
 | Go To Reset Password Page Step 2 of 3 |  |  |  |
| 3.3.1 | **Test on Username and Pin No Functionality****- Enter Empty Value or Space to Username** | ***Agro-BIB >Forgot My Password***1. Enter “ “ to “**Username”**
2. Enter **“Pin Number”**
3. Click on **Next** Button
 | Error Message:<Username is Required> |  |  |  |
| 3.3.2 | **Test on Username and Pin No Functionality****- Enter Less than 6 characters to Username** | ***Agro-BIB >Forgot My Password***1. Enter “**User5**” to “**Username”**
2. Enter **“Pin Number”**
3. Click on **Next** Button
 | Error message:< Wrong username or PIN number > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 3.3.3 | **Test on Username and Pin No Functionality****- Enter more than 16 characters to Username** | ***Agro-BIB >Forgot My Password***1. Enter “**Username9bank456789**” to “**Username”**
2. Enter **“Pin Number”**
3. Click on **Next** Button
 | Error message:< Wrong username or PIN number. > |  |  |  |
| 3.3.4 | **Test on Username and Pin No Functionality****- Enter Special Characters to Username** | ***Agro-BIB >Forgot My Password***1. Enter “**User@name11**” to “**Username”**
2. Enter **“Pin Number”**
3. Click on **Next** Button
 | Error message:< Wrong username or PIN number.> |  |  |  |
| 3.3.5 | **Test on Username and Pin No Functionality****- Enter Empty Value or Space to Pin No**  | ***Agro-BIB >Forgot My Password***1. Enter “**Username”**
2. Enter **“ “ to “Pin Number”**
3. Click on **Next** Button
 | Error message:< Pin Number is Required > |  |  |  |
| 3.3.6 | **Test on Username and Pin No Functionality****- Enter Less than 6 characters to Pin Number** | ***Agro-BIB >Forgot My Password***1. Enter “**Username”**
2. Enter **“12345“ to “Pin Number”**
3. Click on **Next** Button
 | Error Message:< PIN No must be at least 6 characters / digits.> |  |  |  |
| 3.3.7 | **Test on Username and Pin No Functionality****- Enter Special Characters to Pin No** | ***Agro-BIB >Forgot My Password***1. Enter “**Username”**
2. Enter“**123@56**” to **“Pin Number”**
3. Click on **Next** Button
 | Error Message:< PIN No must be numeric.> |  |  |  |
| 3.3.8 | **Test on Cancel Button Functionality** | ***Agro-BIB >Forgot My Password***1. Click on **“Cancel”** Button
 | Go to Login Page |  |  |  |
| 3.4 | **Test on New and Confirm Password Functionality – Step 2 of 3** | ***Agro-BIB >Forgot My Password***1. Enter “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Go To Reset Password Result Page Step 3 / 3 |  |  |  |
| 3.4.1 | **Test on New and Confirm Password Functionality** **- Enter Empty Value or Space to New Password**  | ***Agro-BIB >Forgot My Password***1. Enter “ “ to “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:<New Password is Required.> |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 3.4.2 | **Test on New and Confirm Password Functionality****- Enter less than 8 characters to New Password** | ***Agro-BIB >Forgot My Password***1. Enter “**Pass5**“ to **New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Password must be at least 8 characters / digits.> |  |  |  |
| 3.4.3 | **Test on New and Confirm Password Functionality****- Enter more than 16 characters to New Password** | ***Agro-BIB >Forgot My Password***1. Enter “**Password9012345678**“ to **New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 3.4.4 | **Test on New and Confirm Password Functionality****- Enter Alphabetic Characters all lowercase to New Password** | ***Agro-BIB >Forgot My Password***1. Enter “**password**” to “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 3.4.5 | **Test on New and Confirm Password Functionality****- Enter Alphabetic Characters all uppercase to New Password** | ***Agro-BIB >Forgot My Password***1. Enter “**PASSWORD**” to “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 3.4.6 | **Test on New and Confirm Password Functionality****- Enter Numeric Characters to New Password** | ***Agro-BIB >Forgot My Password***1. Enter “**12345678**” to “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters> |  |  |  |
| 3.4.7 | **Test on New and Confirm Password Functionality** **- Enter Empty Value or Space to New Password**  | ***Agro-BIB >Forgot My Password***1. Enter “**New Password”**
2. Enter **“ “ to Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:<Confirm Password is Required.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 3.4.8 | **Test on New and Confirm Password Functionality** **- Enter password than has been used previously to New Password**  | ***Agro-BIB >Forgot My Password***1. Enter “**New Password”**
2. Enter **“Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Your new password has previously been used.> |  |  |  |
| 3.4.9 | **Test on New and Confirm Password Functionality** **- Enter Different Value from New Password to Confirm Password** | ***Agro-BIB >Forgot My Password***1. Enter “**Password9**” to “**New Password”**
2. Enter **“password90”** to **Confirm Password”**
3. Click on “**Next”** Button
 | Error Message:< Confirm New Password must be the same as New Password.> |  |  |  |
| 3.5 | **Test on Proceed to Login button Functionality – Step 3 of 3** | ***Agro-BIB >Forgot My Password***1. Click on “**Proceed to Login”** Button
 | Go to Log in Page |  |  |  |

# MESSAGE BOX

# Inbox

|  |  |
| --- | --- |
| Test Ref :  | **PENRIL/AGRO/BIB04a** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Message Box - Inbox** |
| Objectives: | **Test basic system functionality that allows users to view the list of messages, to read and to delete the message details.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 4.1 | **Test on Inbox Message Functionality** | ***Agro-BIB >Message Box***1. Click On **“Inbox”** link
 | Go to List of Messages from IBAM, 10 messages per page only. |  |  |  |
| 4.1.1 | **Test on Read Inbox Message Functionality** | ***Agro-BIB>Message Box>Inbox***1. Click on Message “**Subject**” Hyperlink
 | Go to content of the mail |  |  |  |
| 4.1.2 | **Test on Delete Button Functionality** | ***Agro-BIB>Message Box>Inbox***1. Tick On “**Subject**” checkbox
2. Click On “**Delete**” Button
 | Go to Delete the Selected Mail Subjects Page |  |  |  |
| 4.1.3 | **Test on Delete Message Functionality****- Deselect Message** | ***Agro-BIB>Message Box>Inbox***1. Un**-**tick “**Subject**” checkbox
2. Click On “**Delete**” Button
 | Error Message:< Selected Message is Required > |  |  |  |
| 4.1.4 | **Test on Delete Pagination Functionality** | ***Agro-BIB>Message Box>Inbox***1. Click On “**Pagination**” hyperlink
 | Go to additional mails available |  |  |  |

# *Trash Can*

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| --- | --- |
| Test Ref :  | **PENRIL/AGRO/BIB04b** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Message Box - Trash** |
| Objectives: | **Test basic system functionality that allows users to all the trashed messages. Users can use this feature to clean up messages.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 4.2 | **Test on List of Trash Functionality** | ***Agro-BIB>Message Box***1. Click On **“Trash Can”** link
 | Go to List of Trash message, 10 message per page only |  |  |  |
| 4.2.1 | **Test on Restore Button Functionality** | ***Agro-BIB>Message Box>Trash Can***1. Tick On “**Subject**” checkbox
2. Click On “**Restore**” Button
 | Go to restore the selected mail subjects. |  |  |  |
| 4.2.2 | **Test on Restore Button Functionality - Deselect Message** | ***Agro-BIB>Message Box>Trash Can***1. Un-Tick “**Subject**” checkbox
2. Click On “**Restore**” Button
 | Error Message:Selected Message is Required. |  |  |  |
| 4.2.3 | **Test on Read Trash Message Functionality** | ***Agro-BIB >Message Box>Trash Can***1. Click on message “**Subject**” hyperlink
 | Go to View message details Page |  |  |  |
| 4.2.4 | **Test on Delete Button Functionality** | ***Agro-BIB>Message Box>Trash Can***1. Tick On “**Subject**” checkbox
2. Click On “**Delete**” Button
 | Go to delete the selected mail subjects Page |  |  |  |
| 4.2.5 | **Test on Delete Button Functionality****- Deselect Message**  | ***Agro-BIB>Message Box>Trash Can***1. Un-tick On “**Subject**” checkbox
2. Click On “**Delete**” Button
 | Error Message:<Selected Message is Required.> |  |  |  |

# PROFILE MANAGEMENT

# *View Profile*

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| --- | --- |
| Test Ref :  | **PENRIL/AGRO/BIB05a** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Profile Management - View Profile** |
| Objectives: | **Test basic system functionality that allows users to view their profile.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 5.1 | **Test on View Profile Functionality** | ***Agro-BIB >Profile Management***1. Click on “**View Profile**” link
 | Go to User Profile page |  |  |  |

# *Change Password*

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| Test Ref :  | **PENRIL/AGRO/BIB005b** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Profile Management - Change Password** |
| Objectives: | **Test basic system functionality that allows users to change their password** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 5.2 | **Test on Change Password Functionality** | ***Agro-BIB>Profile Management***1. Click on “**Change Password**” link
 | Go to Change Password Detail page. – Step 1 of 2 |  |  |  |
| 5.3 | **Test on Old, New and Confirm Password Functionality – Step 1 of 2** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Go to Change Password Result PageStep 2/2  |  |  |  |
| 5.3.1 | **Test on Old, New and Confirm Password Functionality****- Enter Empty value or Space to Old Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “ “ to “**Old Password**”
2. Enter “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Old Password is required > |  |  |  |
| 5.3.2 | **Test on Old, New and Confirm Password Functionality****- Enter invalid Old Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**old4Password**“ to “**Old Password**”
2. Enter “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Old Password is not valid> |  |  |  |
| 5.3.3 | **Test on Old, New and Confirm Password Functionality****- Enter Empty value or Space to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “ “ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< New Password is required > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 5.3.4 | **Test on Old, New and Confirm Password Functionality****- Enter Less than 8 characters to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**Pass5** “ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 5.3.5 | **Test on Old, New and Confirm Password Functionality****- Enter more than 12 characters to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**Password9012345678**9“ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 5.3.6 | **Test on Old, New and Confirm Password Functionality****- Enter Special Characters to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**Pass@word9**“ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters |  |  |  |
| 5.3.7 | **Test on Old, New and Confirm Password Functionality****- Enter Alphabetic characters all lowercase to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**password**“ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 5.3.8 | **Test on Old, New and Confirm Password Functionality****- Enter Alphabetic characters all uppercase to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**PASSWORD**“ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters. |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 5.3.9 | **Test on Old, New and Confirm Password Functionality****- Enter Numeric characters to New Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**123456789**“ to “**New Password**”
3. Enter “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:<Password must be at least 8 characters / digits. Password must be 8-12 characters and include at least 1 uppercase, 1 lowercase, 1 numeric and no special characters.> |  |  |  |
| 5.4 | **Test on Old, New and Confirm Password Functionality****- Enter Empty value or Space to Confirm Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**New Password**”
3. Enter “ “ to “**Confirm Password**”
4. Click On “**Confirm**” Button
 | Error Message:< Confirm New Password is required> |  |  |  |
| 5.4.1 | **Test on Old, New and Confirm Password Functionality****- Enter different value to Confirm Password from new password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter “**NewConfirm1**” to “**New Password**”
3. Enter “**NewConfirm2**“ to “**Confirm Password**”
4. Click “**Confirm**” Button
 | Error Message:< Confirm Password must be the same as Password > |  |  |  |
| 5.5 | **Test on Old, New and Confirm Password Functionality****- Enter same value to new Password as Old Password** | ***Agro-BIB>Profile Management> Change Password***1. Enter “**Old Password**”
2. Enter old password value to “**New Password**”
3. Enter “**Confirm Password**”
4. Click “**Confirm**” Button
 | Error Message:< New Password and Old Password must not be the same. > |  |  |  |

# IB SERVICE ADMINISTRATION

# *User Maintenance*

# *Create User - Initiator*

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| Test Ref :  | **AGRO/BIB/CA006.1a** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance – Create User - Initiator** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to manage the Company’s Internet Banking account.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.1a.16.1.1 | **Test on Create User Functionality****- for Initiator**  | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.1a.2 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Username” hyperlink**
 | Go to User Maintenance Details Page |  |  |  |
| 6.1a.3 | **Test on Create Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Create”** button
 | Go to Create New Initiator PageStep 1 of 3 |  |  |  |
| 6.1a.4 | **Test on User Selection Functionality – Step 1 of 3** | ***Agro-BIB>User Maintenance>Create User*** 1. Select “**Initiator”** for Role Type of User from dropdown list
2. Click “**Next**” Button
 | Go to Initiator user Creation Details PageStep 2 / 3 |  |  |  |
| 6.1a.4.1 | **Test on User Selection Functionality****-Deselect Role Type** | ***Agro-BIB>User Maintenance>Create User*** 1. Deselect Role Type of User from dropdown list
2. Click “**Next**” Button
 | Error Message:< Role Type is Required > |  |  |  |
| 6.1a.5 | **Test on Cancel Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Cancel”** button
 | Go to Previous PageStep 1 / 3 |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.1a.6 | **Test on Create User Details Functionality****- Step 2 of 3** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Go to Initiator User Creation Result PagePage 3 /3 |  |  |  |
| 6.1a.6.1 | **Test on Create User Details Functionality****- Step 2 of 3****Enter Empty Value or Space to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “ “ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username is required.> |  |  |  |
| 6.1a.6.2 | **Test on Create User Functionality****- for Initiator, Enter Less than 6 characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user5**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username must be at least 6 characters / digits.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.3 | **Test on Create User Functionality****- for Initiator, Enter more than 16 characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user5name012345678**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username must be at least 6 characters / digits.> |  |  |  |
| 6.4.4 | **Test on Create User Functionality****- for Initiator, Enter Special characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user@name$**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Username must be at least 6 characters / digits.> |  |  |  |
| 6.4.5 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Full name**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “ “ to “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Full Name is required.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.6 | **Test on Create User Functionality****- for Initiator, Enter Special characters to Full name**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**user@name$**“ to “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< No error message in BRS> |  |  |  |
| 6.4.7 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “ “ to “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Mobile No is required.> |  |  |  |
| 6.4.8 | **Test on Create User Functionality****- for Initiator, Enter Less than 10 digits to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**Full name**”
3. Key in “**01045678**“ to **Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Mobile No must be exactly 10 digits.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.9 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**Full name**”
3. Key in “**mobile7810**“ to **Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Mobile No must be numeric.> |  |  |  |
| 6.4.10 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Address** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “ “ to “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Address is required.> |  |  |  |
| 6.4.11 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Email** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “ “ to “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Email is required. > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.12 | **Test on Create User Functionality****- for Initiator, Enter Invalid Format to Email** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**www.email.com**“ to “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Email format invalid> |  |  |  |
| 6.4.13 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “ “ to “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Password is required. > |  |  |  |
| 6.4.14 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Confirm Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “ “ to “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Confirm Password is required. > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.15 | **Test on Create User Functionality****- for Initiator, Enter Different Value to Confirm Password from Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password9**” to “**Password**”
7. Key in “ **Password11**“ to “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Confirm Password is required. > |  |  |  |
| 6.4.16 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Allow Service** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “ “ to “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Service is required.> |  |  |  |
| 6.4.17 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Current Account Number** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select “ “ to “**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Current Account No. is required.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.4.18 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Current Tel No.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in **“Tel No.”**
4. Key in “**Mobile Number**”
5. Key in “**Address**”
6. Key in “**Email**”
7. Key in “**Password**”
8. Key in “**Confirm Password**”
9. Select “**Allow**” Service table
10. Select ‘**Current Account Number**”
11. Click on **Next** button
 | Error Message:< Tel No must be numeric.> |  |  |  |
| 6.4.19 | **Test on Create User Functionality****- for Initiator, Enter Less/more than 9 digits to Current Tel No.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**03345678911”** to **“Tel No.”**
4. Key in “**Mobile Number**”
5. Key in “**Address**”
6. Key in “**Email**”
7. Key in “**Password**”
8. Key in “**Confirm Password**”
9. Select “**Allow**” Service table
10. Select ‘**Current Account Number**”
11. Click on **Next** button
 | Error Message:<Tel No must be exactly 9 digits.> |  |  |  |
| 6.4.20 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Office Ext.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in **“Tel No.”**
4. Key in “**ext**” to “**Office** **Ext**.”
5. Key in “**Mobile Number**”
6. Key in “**Address**”
7. Key in “**Email**”
8. Key in “**Password**”
9. Key in “**Confirm Password**”
10. Select “**Allow**” Service table
11. Select ‘**Current Account Number**”
12. Click on **Next** button
 | Error Message:<Office Ext. No must be numeric.> |  |  |  |
| 6.5 | **Test on Create Another User Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Create Another User**” button
 | Go back to user maintenance |  |  |  |
| 6.5.1 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “ **Back to User Maintenance**” button
 | Go to user role selection Page |  |  |  |

# *Create User - Approver*

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| Test Ref :  | **PENRIL/AGRO/BIB06b** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance – Create User - Approver** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to edit users within the company** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.6 | **Test on Create User Functionality****- for Approver**  | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.6.1 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Username” hyperlink**
 | Go to User Maintenance Details Page |  |  |  |
| 6.7 | **Test on Create Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Create”** button
 | Go to Create New Initiator PageStep 1 / 3 |  |  |  |
| 6.8 | **Test on User Selection Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Select “**Approver”** for Role Type of User from dropdown list
2. Click “**Next**” Button
 | Go to Initiator user Creation Details PageStep 2 / 3 |  |  |  |
| 6.8.1 | **Test on User Selection Functionality****-Deselect Role Type** | ***Agro-BIB>User Maintenance>Create User*** 1. Deselect Role Type of User from dropdown list
2. Click “**Next**” Button
 | Error Message:< Role Type is Required > |  |  |  |
| 6.8.2 | **Test on Cancel Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Cancel”** button
 | Go to Previous PageStep 1 / 3 |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | Pass | Fail |  |
| 6.9 | **Test on Create User Functionality****- for Initiator**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Go to Initiator User Creation Result PagePage 3 /3 |  |  |  |
| 6.9.1 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “ “ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username is required.> |  |  |  |
| 6.9.2 | **Test on Create User Functionality****- for Initiator, Enter Less than 6 characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user5**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username must be at least 6 characters / digits.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.3 | **Test on Create User Functionality****- for Initiator, Enter more than 16 characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user5name012345678**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Username must be at least 6 characters / digits.> |  |  |  |
| 6.9.4 | **Test on Create User Functionality****- for Initiator, Enter Special characters to Username**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**user@name$**“ to “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Username must be at least 6 characters / digits.> |  |  |  |
| 6.9.5 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Full name**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “ “ to “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Full Name is required.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.6 | **Test on Create User Functionality****- for Initiator, Enter Special characters to Full name**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**user@name$**“ to “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< No error message in BRS> |  |  |  |
| 6.9.7 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “ “ to “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Mobile No is required.> |  |  |  |
| 6.9.8 | **Test on Create User Functionality****- for Initiator, Enter Less than 10 digits to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**Full name**”
3. Key in “**01045678**“ to **Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Mobile No must be exactly 10 digits.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.9 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Mobile Number**  | ***Agro-BIB>User Maintenance>Create User*** 1. Key to “**Username**”
2. Key in “**Full name**”
3. Key in “**mobile7810**“ to **Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Mobile No must be numeric.> |  |  |  |
| 6.9.10 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Address** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “ “ to “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Address is required.> |  |  |  |
| 6.9.11 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Email** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “ “ to “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Email is required. > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.12 | **Test on Create User Functionality****- for Initiator, Enter Invalid Format to Email** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**www.email.com**“ to “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Email format invalid> |  |  |  |
| 6.9.13 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “ “ to “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Password is required. > |  |  |  |
| 6.9.14 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Confirm Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “ “ to “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Confirm Password is required. > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.15 | **Test on Create User Functionality****- for Initiator, Enter Different Value to Confirm Password from Password** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password9**” to “**Password**”
7. Key in “ **Password11**“ to “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:< Confirm Password is required. > |  |  |  |
| 6.9.16 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Allow Service** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “ “ to “**Allow**” Service table
9. Select ‘**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Service is required.> |  |  |  |
| 6.9.17 | **Test on Create User Functionality****- for Initiator, Enter Empty Value or Space to Current Account Number** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**Mobile Number**”
4. Key in “**Address**”
5. Key in “**Email**”
6. Key in “**Password**”
7. Key in “**Confirm Password**”
8. Select “**Allow**” Service table
9. Select “ “ to “**Current Account Number**”
10. Click on **Next** button
 | Error Message:<Current Account No. is required.> |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.9.18 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Current Tel No.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in **“Tel No.”**
4. Key in “**Mobile Number**”
5. Key in “**Address**”
6. Key in “**Email**”
7. Key in “**Password**”
8. Key in “**Confirm Password**”
9. Select “**Allow**” Service table
10. Select ‘**Current Account Number**”
11. Click on **Next** button
 | Error Message:< Tel No must be numeric.> |  |  |  |
| 6.9.19 | **Test on Create User Functionality****- for Initiator, Enter Less/more than 9 digits to Current Tel No.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in “**03345678911”** to **“Tel No.”**
4. Key in “**Mobile Number**”
5. Key in “**Address**”
6. Key in “**Email**”
7. Key in “**Password**”
8. Key in “**Confirm Password**”
9. Select “**Allow**” Service table
10. Select ‘**Current Account Number**”
11. Click on **Next** button
 | Error Message:<Tel No must be exactly 9 digits.> |  |  |  |
| 6.9.20 | **Test on Create User Functionality****- for Initiator, Enter Alphanumeric Characters to Office Ext.** | ***Agro-BIB>User Maintenance>Create User*** 1. Key in “**Username**”
2. Key in “**Full name**”
3. Key in **“Tel No.”**
4. Key in “**ext**” to “**Office** **Ext**.”
5. Key in “**Mobile Number**”
6. Key in “**Address**”
7. Key in “**Email**”
8. Key in “**Password**”
9. Key in “**Confirm Password**”
10. Select “**Allow**” Service table
11. Select ‘**Current Account Number**”
12. Click on **Next** button
 | Error Message:<Office Ext. No must be numeric.> |  |  |  |
| 6.10 | **Test on Create Another User Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “**Create Another User**” button
 | Go back to user maintenance |  |  |  |
| 6.10.1 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance>Create User*** 1. Click on “ **Back to User Maintenance**” button
 | Go to user role selection Page |  |  |  |

# *Edit User*

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| Test Ref :  | **PENRIL/AGRO/BIB06b** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance – Edit User** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to edit users within the company.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6b.1 | **Test on Edit User Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.12 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on a “**User name”** hyperlink
 | Go to User Maintenance Details Page |  |  |  |
| 6.13 | **Test on Edit Button Functionality**  | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Edit”** Button
 | Go to Edit User PageStep 1 /3 |  |  |  |
| 6.13.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Back”** button
 | Go to User Maintenance Page |  |  |  |
| 6.14 | **Test on Full Name, Tel No., office Ext. No, Mobile Number, Address, Email, Accessible Account and Service****-Enter Valid Data** | ***Agro-BIB>User Maintenance>Edit User*** 1. Update “**Full name**”
2. Update “**Tel No.**”
3. Update “**Mobile No.**”
4. Update “**Office Ext. No**”
5. Update “**Address**”
6. Update **Email**”
7. Update **Accessible account**”
8. Update **Service**”
9. Click on “**Update”** button
 | Go to Edit User Confirmation PageStep 2 /3 |  |  |  |
| 6.14.1 | **Test on Edit User Functionality****- Delete Full Name** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Full name**”
2. Click on “**Update”** button
 | Error Message:<Full Name is required> |  |  |  |
| 6.14.2 | **Test on Edit User Functionality****- Delete Full Name and Enter Special Characters** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Full name**”
2. Enter “**Full@Name$**’ to “**Full name**”
3. Click on “**Update”** button
 | Error Message:< No error message in BRS for special characters> |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.14.3 | **Test on Edit User Functionality****- Delete Tel No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Tel No.**”
2. Click on “**Update”** button
 | Error Message:<Tel No. is required> |  |  |  |
| 6.14.4 | **Test on Edit User Functionality****- Enter less than 9 digits to Tel No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Tel No.**”
2. Enter “**0123456**” to “**Tel No**.”
3. Click on “**Update”** button
 | Error Message:<Tel No must be at least 9 characters / digits. > |  |  |  |
| 6.14.5 | **Test on Edit User Functionality****- Enter Alphanumeric characters to Tel No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Tel No.**”
2. Enter “**telNo6789012**” to “**Tel No.**”
3. Click on “**Update”** button
 | Error Message:< Tel No must be numeric.> |  |  |  |
| 6.14.6 | **Test on Edit User Functionality****- Delete Mobile No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Mobile No.**”
2. Click on “**Update”** button
 | Error Message:<Mobile No. is required> |  |  |  |
| 6.14.7 | **Test on Edit User Functionality****- Enter less than 10 digits to Mobile No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Mobile No.**”
2. Enter ‘**01045678**” to “**Mobile No.”**
3. Click on “**Update”** button
 | Error Message:< Mobile No must be exactly 10 digits.> |  |  |  |
| 6.14.8 | **Test on Edit User Functionality****- Enter Alphanumeric characters to Mobile No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Mobile No.**”
2. Enter “**MobileNo810**” to “**Mobile No.**”
3. Click on “**Update”** button
 | Error Message:<Mobile No must be numeric.> |  |  |  |
| 6.14.9 | **Test on Edit User Functionality****- Enter more than 10 digits to Mobile No.** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Mobile No.**”
2. Enter ‘**010456789012**” to “**Mobile No.”**
3. Click on “**Update”** button
 | Error Message:< Mobile No must be exactly 10 digits.> |  |  |  |
| 6.14.10 | **Test on Edit User Functionality****- Delete Address** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Address**”
2. Click on “**Update”** button
 | Error Message:<Address No. is required> |  |  |  |
| 6.14.11 | **Test on Edit User Functionality****- Delete Email Address** | ***Agro-BIB>User Maintenance>Edit User*** 1. Delete “**Email** **Address**”
2. Click on “**Update”** button
 | Error Message:<Email Address is required> |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.14.12 | **Test on Edit User Functionality****- Deselect Service** | ***Agro-BIB>User Maintenance>Edit User*** 1. Deselect “**Service**”
2. Click on “**Update”** button
 | Error Message:<Service is required> |  |  |  |
| 6.14.13 | **Test on Edit User Functionality****- Deselect Accessible Account** | ***Agro-BIB>User Maintenance>Edit User*** 1. Deselect “**Accessible Account”**
2. Click on “**Update”** button
 | Error Message:<Current Account is required> |  |  |  |
| 6.14.14 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Back”** button
 | Go to User Detail Page |  |  |  |
| 6.15 | **Test on Confirm Button Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Confirm”** button
 | Go to Edit User Result Page  |  |  |  |
| 6.15.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Back”** button
 | Go to Edit User Page  |  |  |  |
| 6.16 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance>Edit User*** 1. Click on “**Back to User Maintenance”** button
 | Go to User maintenance Page  |  |  |  |

# *Delete User*

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| --- | --- |
| Test Ref :  | **PENRIL/AGRO/BIB06d** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance – Delete User** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to edit users within the company** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.17 | **Test on Delete User Functionality** | ***Agro-BIB>User Maintenance>Delete User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.18 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on a “**User name”** hyperlink
 | Go to User Maintenance Details Page |  |  |  |
| 6.19 | **Test on Delete Button Functionality**  | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on “**Delete”** Button
 | Go to Delete User Confirmation PageStep 1 / 2 |  |  |  |
| 6.19.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on “**Back”** button
 | Go to User Maintenance Page |  |  |  |
| 6.20 | **Test on Delete Button Functionality**  | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on “**Delete”** Button
 | Go to Delete user Result PageStep 2 / 2 |  |  |  |
| 6.20.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on “**Back”** button
 | Go to user detail Page |  |  |  |
| 6.21 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance> Delete User*** 1. Click on “**Back to User Maintenance”** button
 | Go to user Maintenance Page |  |  |  |

# *Reset User Password*

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| Test Ref :  | **PENRIL/AGRO/BIB06e** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance- Reset User Password**  |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to edit users within the company** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.22 | **Test on Reset User Password Functionality** | ***Agro-BIB>User Maintenance>Rest User Pass*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.23 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance>Rest User Pass***1. Click on a “**User name”** hyperlink
 | Go to User Maintenance Details Page |  |  |  |
| 6.24 | **Test on Reset User Password Button Functionality**  | ***Agro-BIB>User Maintenance>Rest User Pass***1. Click on “**Reset User Password”** Button
 | Go to Reset User Password Confirmation Page |  |  |  |
| 6.24.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Click on “**Back”** button
 | Go to User Maintenance Page |  |  |  |
| 6.25 | **Test on New and Confirm Password Functionality****- Enter Valid Data**  | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Go to Reset User Password Result Page |  |  |  |
| 6.25.1 | **Test on New and Confirm Password Functionality****- Enter Empty Value or Space to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “ “ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:<Password is required > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.25.2 | **Test on New and Confirm Password Functionality****- Enter Less than 8 characters to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**Pass5**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet > |  |  |  |
| 6.25.3 | **Test on New and Confirm Password Functionality****- Enter Less than 8 characters to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**Pass5**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet > |  |  |  |
| 6.25.4 | **Test on New and Confirm Password Functionality****- Enter more than 12 characters to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**Pass5Word0123**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet > |  |  |  |
| 6.25.5 | **Test on New and Confirm Password Functionality****- Enter Alphabetic characters all lowercase to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**passwordbank**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet > |  |  |  |
| 6.25.6 | **Test on New and Confirm Password Functionality****- Enter Alphabetic characters all uppercase to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**PASSWORDBANK**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet > |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.25.7 | **Test on New and Confirm Password Functionality****- Enter Digital characters to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**123456789**“ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 6.25.8 | **Test on New and Confirm Password Functionality****- Enter special characters to New Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**Pass@Word11** “ to “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:< Password must be between 8-12 characters and consist of at least 1 numeric, 1 lower case and 1 upper case alphabet.> |  |  |  |
| 6.25.9 | **Test on New and Confirm Password Functionality****- Enter Used password**  | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter a used password as “**New Password”**
2. Enter “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:<Your new password has previously been used.> |  |  |  |
| 6.25.10 | **Test on New and Confirm Password Functionality****- Enter Empty Value or Space to Confirm Password** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**New Password”**
2. Enter “ “ to “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:<Confirm Password is required > |  |  |  |
| 6.25.11 | **Test on New and Confirm Password Functionality****- Insert different new password and confirm password**  | ***Agro-BIB>User Maintenance>Rest User Pass***1. Enter “**PassWord9**“ to “**New Password”**
2. Enter “**passWORD10**” to “**Confirm Password”**
3. Click on “**Confirm”** Button
 | Error Message:<Confirm New Password must be the same as New Password> |  |  |  |
| 6.25.12 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Click on “**Back”** button
 | Go to Reset Password Page |  |  |  |
| 6.26 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance>Rest User Pass***1. Click on “**Back to User Details”** button
 | Go to User Details Page |  |  |  |

# *Suspend User*

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| Test Ref :  | **PENRIL/AGRO/BIB06f** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance - Suspend User** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to suspend users within the company also allowed unlocking suspended users.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.27 | **Test on Suspend User Functionality** | ***Agro-BIB>User Maintenance>Suspend User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.28 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on a “**User name”** hyperlink
 | Go to User Maintenance Details Page |  |  |  |
| 6.29 | **Test on Suspend Button Functionality**  | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on “**Suspend”** Button
 | Go to Suspend User Confirmation PageStep 1 / 2 |  |  |  |
| 6.29.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on “**Back”** button
 | Go to User Maintenance Page |  |  |  |
| 6.30 | **Test on Confirm Button Functionality** | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on “**Confirm”** button
 | Go to suspend user result Page |  |  |  |
| 6.30.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on “**Back”** button
 | Go to User detail Page |  |  |  |
| 6.31 | **Test on Back to user Maintenance Button Functionality** | ***Agro-BIB>User Maintenance> Suspend User*** 1. Click on “**Back to user Maintenance”** button
 | Go back to User Maintenance Page |  |  |  |

# *Unlock Suspended User*

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| Test Ref :  | **PENRIL/AGRO/BIB06g** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance - Unlock Suspend User** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to unlocked suspended users within the company.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.32 | **Test on Suspend User Functionality** | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**User Maintenance”**
 | Go to List of Registered Users Page |  |  |  |
| 6.33 | **Test on Username Hyperlink Functionality**  | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on a required “**User name”** hyperlink
 | Go to User Maintenance Details Page |  |  |  |
| 6.34 | **Test on Suspend Button Functionality**  | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**Unlock”** Button
 | Go to Unlock Suspended User Confirmation PageStep 1 / 2 |  |  |  |
| 6.34.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**Back”** button
 | Go to User Maintenance Page |  |  |  |
| 6.35 | **Test on Confirm Button Functionality** | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**Confirm”** button
 | Go to Unlock the User Page |  |  |  |
| 6.35.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**Back”** button
 | Go to Unlock Suspended User Page |  |  |  |
| 6.36 | **Test on Back to User Maintenance Button Functionality** | ***Agro-BIB>User Maintenance>Unlock Suspend User*** 1. Click on “**Back to User Maintenance”** button
 | Go back to User Maintenance Page |  |  |  |

# *Edit Secure Pass Management*

# *Edit Secure Pass with Status Assigned/ Not Assigned/ Faulty/ Lost/ Suspend (Allow to Change the Status or Assign a Token)*

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| Test Ref :  | **PENRIL/AGRO/BIB06h** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Edit Secure Pass with Status Assigned/ Not Assigned/ Faulty/ Lost/ Suspend (Allow to Change the Status or Assign a Token)** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to manage Secure Pass distributed to the company by the bank.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.37 | **Test on Edit Secure Pass Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Edit Secure Pass Management**”
 | Go to List of Secure Pass assigned to the Company |  |  |  |
| 6.38 | **Test on Secure Pass Serial Number Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on preferred “**Secure Pass Serial Number”** hyperlink
 | Go to Secure Pass Information Page |  |  |  |
| 6.39 | **Test on Secure Pass Serial Number Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on the “**Secure Pass Serial Number”** hyperlink
 | Go to Secure Pass Details Page |  |  |  |
| 6.40 | **Test on Edit Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Edit”** button
 | Go to Edit Secure Pass with Status Assigned/Not Assigned / Faulty/ Suspend/ Lost Page |  |  |  |
| 6.40.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass Management***1. Click on “**Back”** button
 | Go back to Previous Page  |  |  |  |
| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.41 | **Test on Status and Assigned To Dropdown Menu Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Update “**Status**” at Dropdown Menu
2. Update “**Assigned to**” at Dropdown Menu
3. Click on “**Next**” Button
 | Go to Edit Secure Pass Confirmation Page |  |  |  |
| 6.41.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Back”** button
 | Go to Secure Pass management Page |  |  |  |
| 6.42 | **Test on Confirm Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Confirm”** button
 | Go to Edit Secure Pass Result Page |  |  |  |
| 6.42.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Back”** button
 | Go to Edit Secure Pass Status Page |  |  |  |
| 6.43 | **Test on Back to Secure Pass Management Button Functionality** | ***Agro-BIB>User Maintenance>Edit Secure Pass*** 1. Click on “**Back to Secure Pass Management”** button
 | Go to back to the Secure Pass Management Details Page |  |  |  |

# *Revoke Secure Pass with Status Assigned/Faulty/Suspend/Lost*

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| Test Ref :  | **PENRIL/AGRO/BIB06i** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **User Maintenance - Revoke Secure Pass with Status Assigned/ Faulty/ Suspend/ Lost** |
| Objectives: | **Test basic system functionality that allows Corporate Administrator to manage Secure Pass distributed to the company by the bank.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.44 | **Test on Revoke Secure Pass Functionality** | ***Agro-BIB>User Maintenance>Revoke Secure Pass Management***1. Click on “**Edit Secure Pass Management**”
 | Go to List of Secure Pass assigned to the Company |  |  |  |
| 6.45 | **Test on Secure Pass Serial Number Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on preferred “**Secure Pass Serial Number”** hyperlink
 | Go to Secure Pass Information Page |  |  |  |
| 6.46 | **Test on Secure Pass Serial Number and Status Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on required “**Secure Pass Serial Number”** hyperlink to Revoke
2. Select “**Status**” at Dropdown list
3. Click on ‘**Revoke**” Button
 | Go to Revoke Secure Pass Confirmation Page |  |  |  |
| 6.46.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on “**Back”** button
 | Go to Secure Pass management Page |  |  |  |
| 6.47 | **Test on Confirm Button Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on “**Confirm”** button
 | Go to Revoke Secure Pass Result Page |  |  |  |
| 6.47.1 | **Test on Back Button Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on “**Back”** button
 | Go to Edit Secure Pass for Assigned Status Page |  |  |  |
| 6.48 | **Test on Back to Secure Pass Management Button Functionality** | ***Agro-BIB>User Maintenance> Revoke Secure Pass*** 1. Click on “**Back to Secure Pass Management”** button
 | Go to Secure Pass management Page |  |  |  |

# *Edit Approval Matrix*

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| Test Ref :  | **PENRIL/AGRO/BIB07** |
| Test Data Source: | **Business Internet Banking (BIB)** |
| Module / Screen: | **Edit Approval Matrix**  |
| Objectives: | **Test basic system functionality that allows Corporate to define the approval matrix for monetary transaction performed via Internet Banking.** |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.49 | **Test on Edit Approval Matrix Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on **“Edit Approval Matrix”**
2. Click on Edit button
 | Go to Details of Current Approval Matrix Page |  |  |  |
| 6.50 | **Test on Edit Button Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on “**Edit”** button
 | Go to Edit Approval Matrix Page |  |  |  |
| 6.51 | **Test on Amount and Approval Matrix Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Enter “**Amount (Up to)”**
2. Enter “**Approval Matrix**”
3. Click on “**next”** button
 | Go to Approval Matrix Confirmation Page |  |  |  |
| 6.51.1 | **Test on Amount and Approval Matrix Functionality****- Enter Alphabetic Value to Amount** | ***Agro-BIB>*Edit Approval Matrix**1. Enter “**sixty**” to “**Amount (Up to)”**
2. Enter “**Approval Matrix**”
3. Click on “**next”** button
 | Error Message:<Amount should be numeric> |  |  | There is not any error message for this situation in BRS |
| 6.51.2 | **Test on Amount and Approval Matrix Functionality****- Enter Alphabetic Value to Approval Matrix** | ***Agro-BIB>*Edit Approval Matrix**1. Enter “ “**Amount (Up to)”**
2. Enter **six**” to “**Approval Matrix**”
3. Click on “**next”** button
 | Error Message:<Approval Matrix should be numeric> |  |  | There is no error message although it is M in BRS  |
| 6.51.3 | **Test on Back Button Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on “**Back”** button
 | Go back to go the Edit Approval Matrix Page |  |  |  |
| 6.52 | **Test on Confirm Button Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on “**Confirm”** button
 | Go to Edit Approval Matrix Result Page |  |  |  |

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| **Test Case#** | **Description** | **Area Path / Test Step** | **Expected Result** | **Test Result (Tick √)** | **Remarks / Comments** |
|  |  |  |  | **Pass** | **Fail** |  |
| 6.52.1 | **Test on Back Button Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on “**Back”** button
 | Go back to Previous Page |  |  |  |
| 6.53 | **Test on Back to Approval Matrix Button Functionality** | ***Agro-BIB>*Edit Approval Matrix**1. Click on “**Back to Approval Matrix”** button
 | Go Approval matrix Page |  |  |  |

# ISSUES LOG

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| **Test Ref.** | **Module** | **Area Path** | **Defect Description** | **Resolution** | **Re-test By** | **Re-test Date** | **Status** |
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