

Title :

USER REQUIREMENT SPECIFICATION [URS]

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**USER REQUIREMENT SPECIFICATION (URS) DOCUMENT**

**IE0000082C**

**BIB**

**Bulk Payment**

Title :

**USER REQUIREMENT SPECIFICATION [URS]**

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**Authors**

| Name                        | Designation & contact email        | Remark |
|-----------------------------|------------------------------------|--------|
| Mohd Fikriezudin Mohd Fauzi | Executive, Virtual Banking Section |        |
|                             |                                    |        |
|                             |                                    |        |

**Amendment Record**

| Version | Date       | Status | Description of Revision |
|---------|------------|--------|-------------------------|
| 1.0     | 11.07.2014 | New    |                         |

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## 1.0 INTRODUCTION

CR for **IE0000082C** is enhancement of BIB for Bulk Payment and Standing Instruction.

## 2.0 PROBLEM STATEMENT

Not applicable.

## 3.0 OBJECTIVE

To enable Bulk Payment via BIB as below:

- Bulk Payment enable transfer fund in bulk to recipients via Intrabank and Interbank GIRO using new Bulk Payment module.

## 4.0 SCOPE OF WORK

- Add new Bulk Payment module in the BIB.
- Host to debit Saving/Current Account of the customer account.
- IBAM to generate Bulk Payment Report Daily and Payroll Report Daily.
- IBAM to display Bulk Payment transaction and Payroll transaction in the BIB Transaction Enquiry.
- IBAM to generate Bulk Payment and Payroll records in the Consolidated Transaction IB Report Monthly and BNM Financial Transactions Corporate Monthly.

## 5.0 CHANNEL INVOLVED

- Business Internet Banking [BIB]

## 6.0 REQUIREMENTS

### 6.1 Bulk Payment

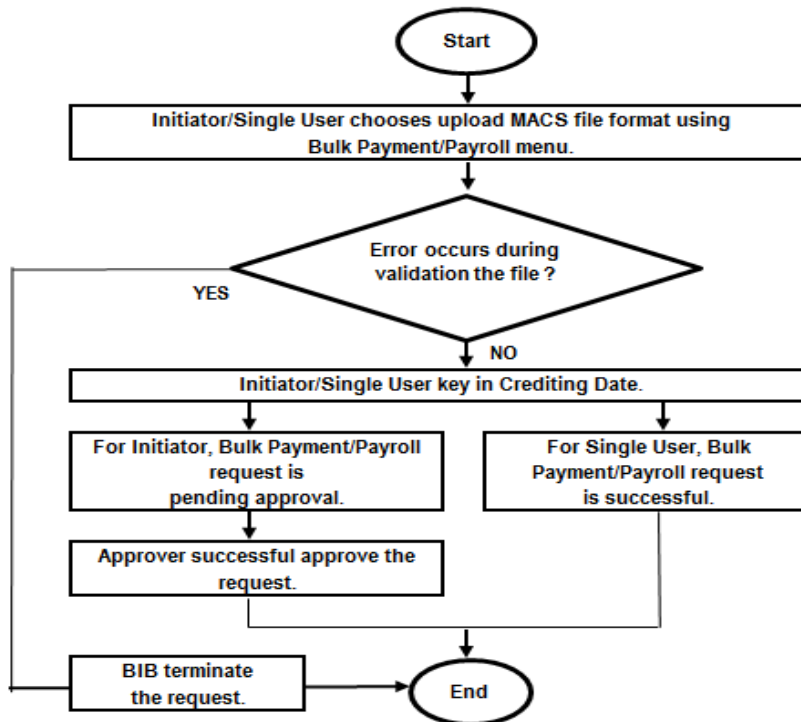
- New Bulk Payment module is use for **payment in bulk** and **payroll**.
- The module has 2 different menu to access i.e. Bulk Payment menu (for **payment in bulk**) and Payroll menu (for **payroll**).
- Initiator/Single User intend to make bulk payment and payroll shall use the Bulk Payment module to upload file formats have been prescribed via BIB in which the file formats are *MACS File Format* and *Excel File Format*.
- During uploading the file formats via BIB for bulk payment and payroll, BIB reject the request due to reason as below :
  - i) *Excel File Format* is unsuccessful to converts to *MACS File Format*.
  - ii) Any error being detected in *MACS File Format*.
- Approver/Single User approve the bulk payment and payroll.
- The fund transfer to recipients via Intrabank and Interbank GIRO.
- Initiator/Single User using Bulk Transfer History in new Bulk Payment module to view previous bulk payment and payroll transactions.

### 6.2 Authorization

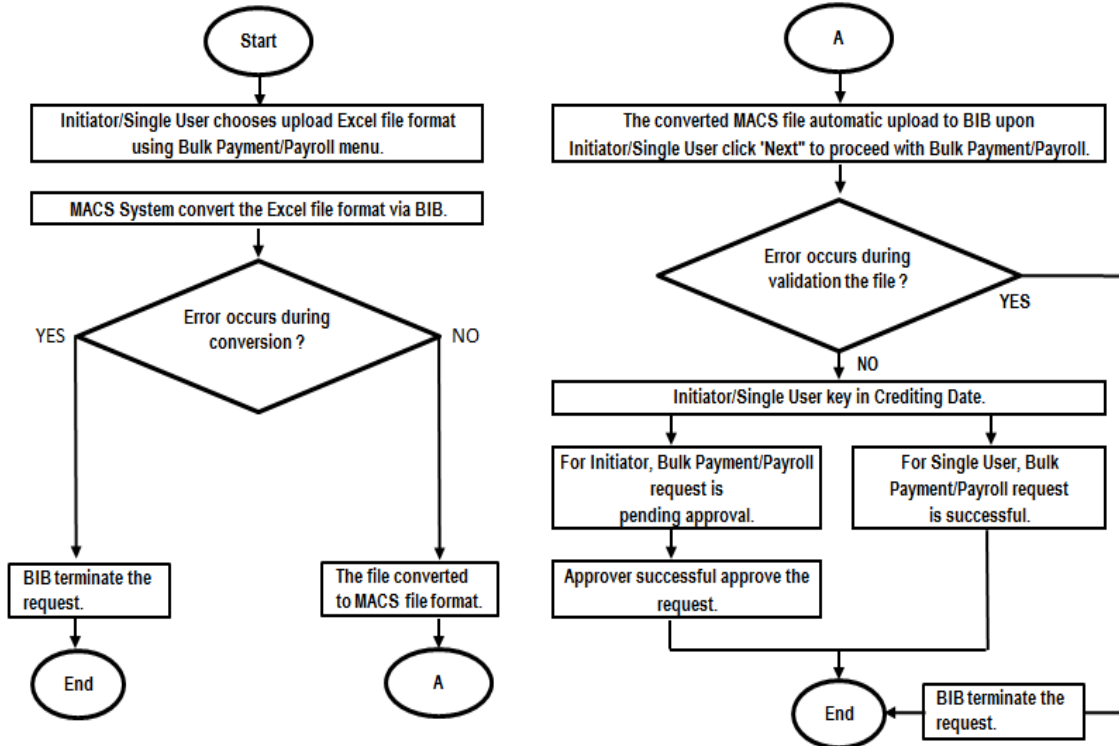
Corporate Administration to allow Bulk Payment module and Standing Instruction to be accessible by Initiator/Single User using IB Service Management module via BIB.

## 7.0 PROCESS FLOW

### 7.1 Bulk Payment / Payroll – MACS File Upload



7.2 Bulk Payment / Payroll – Excel File Upload



8.0 LIST OF REPORT

Add Daily Bulk Payment Report to IBAM.

9.0 LIST OF TRANSACTION CODE

Not applicable.

10.0 FILE/DATA

The requirement to be further discuss during technical group discussion.

11.0 GENERAL LEDGER ACCOUNT

Not applicable

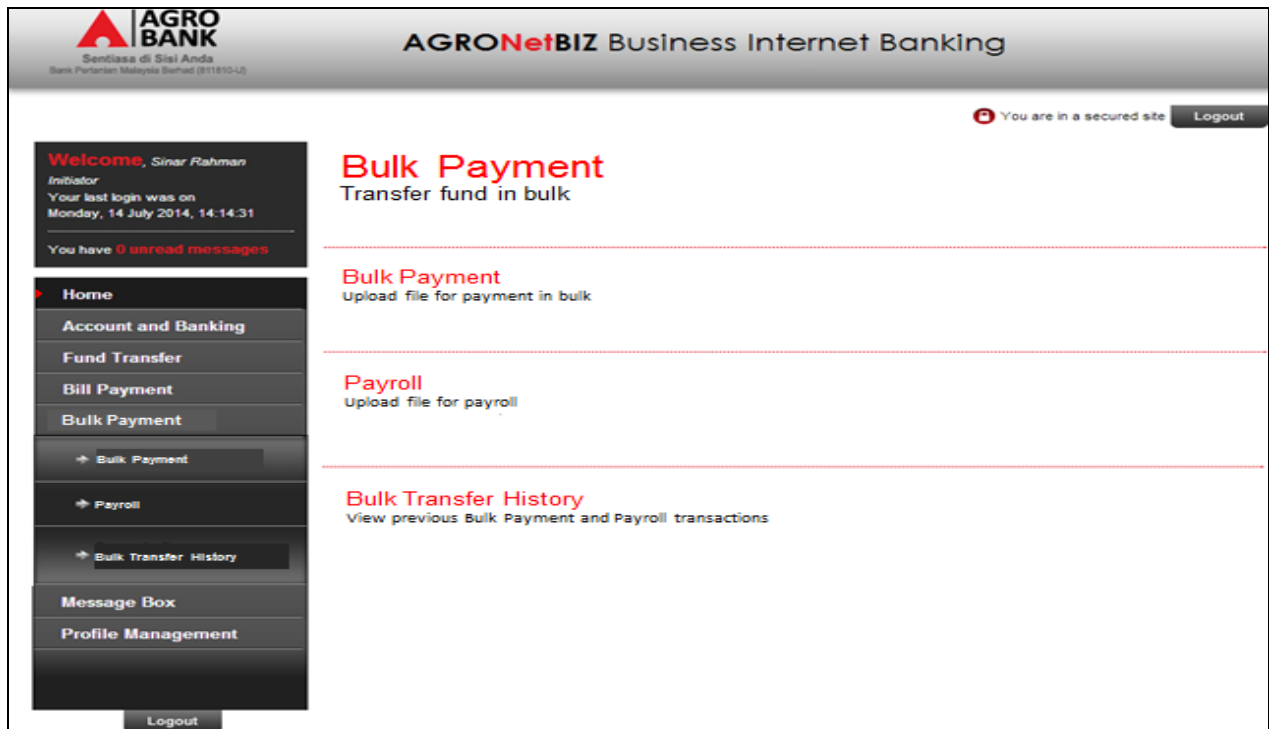
12.0 ACCESS MATRIX & AUTHORIZATION

Not applicable.

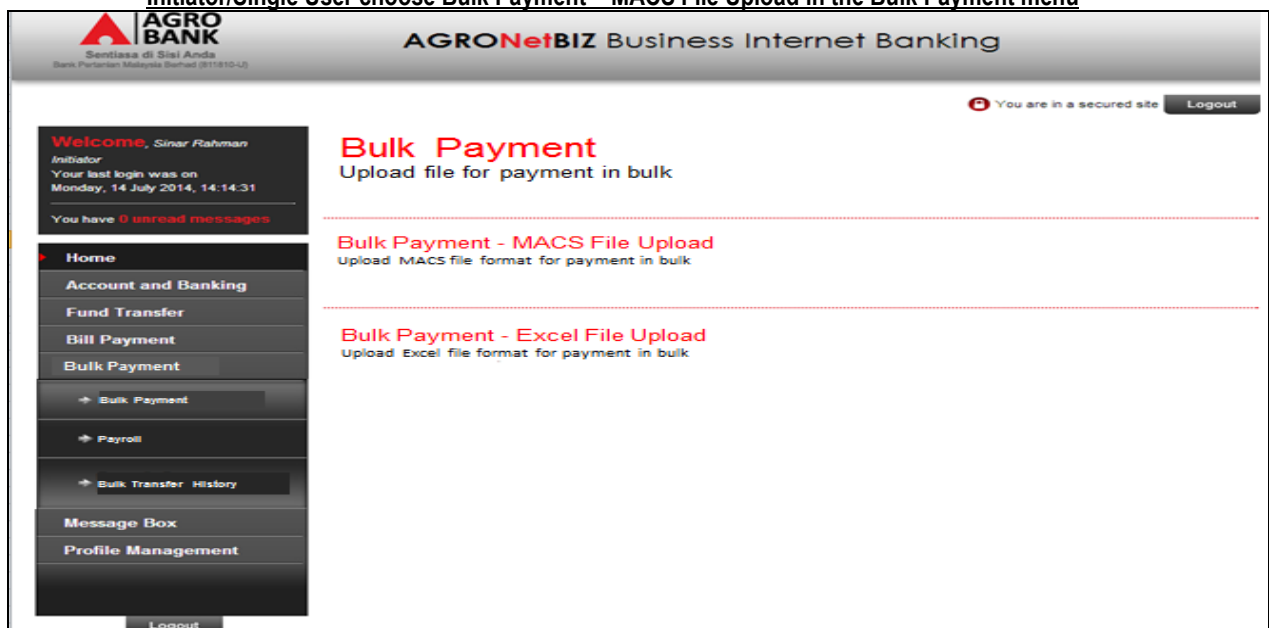
### 13.0 INTERFACES

[All screen designs provided are samples and only illustration purpose for easy understanding. The screen designs are not final]

#### 13.1 Bulk Payment – MACS File Upload



**Initiator/Single User choose Bulk Payment – MACS File Upload in the Bulk Payment menu**



Initiator/Single User choose MACS file format to upload
**Bulk Payment - MACS File Upload**
**Notes**

 Click *Choose File* to upload MACS file format for payment in bulk.

Step 1/3



*BIB validates the  
MACS File format*
Confirm by Initiator
**Bulk Payment**
**Notes**

Please key in crediting date.

Step 2/3

 Key in Crediting Date: 


Confirm by Single User
**Bulk Payment**
**Notes**

Please key in crediting date.

Step 2/3

 Key in Crediting Date: 

 Enter Security Token PIN number: 


Bulk Payment result screen for Initiator
**Bulk Payment**
**Notes**

You are advised to print the receipt for your future reference and record keeping.

Step 3/3

Company Code: BAA1005

Total Amount: RM15,000.00

Employer Number: 50

Total Record: 3

Crediting Date: 30/7/2014

Status: Pending Approval

Reference No: 0000027831

Transaction Date: 9/7/2014

Transaction Time: 10:00:01


Bulk Payment result screen for Single User
**Bulk Payment**
**Notes**

You are advised to print the receipt for your future reference and record keeping.

Step 3/3

Company Code: BAA1005

Total Amount: RM15,000.00

Employer Number: 50

Total Record: 3

Crediting Date: 30/7/2014

Status: Successful

Reference No: 0000027831

Transaction Date: 9/7/2014

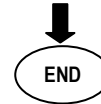
Transaction Time: 10:00:01



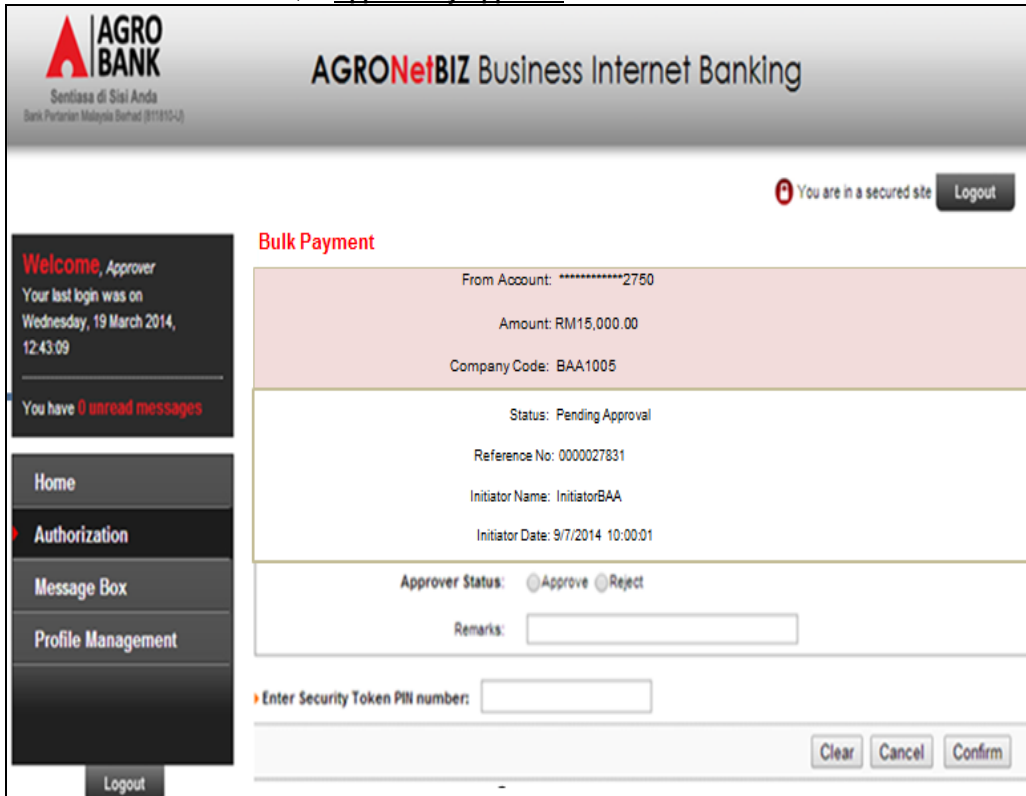
Title :

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Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

**Bulk Payment**

From Account: \*\*\*\*\*2750  
Amount: RM15,000.00  
Company Code: BAA1005

Status: Pending Approval  
Reference No: 0000027831  
Initiator Name: InitiatorBAA  
Initiator Date: 9/7/2014 10:00:01

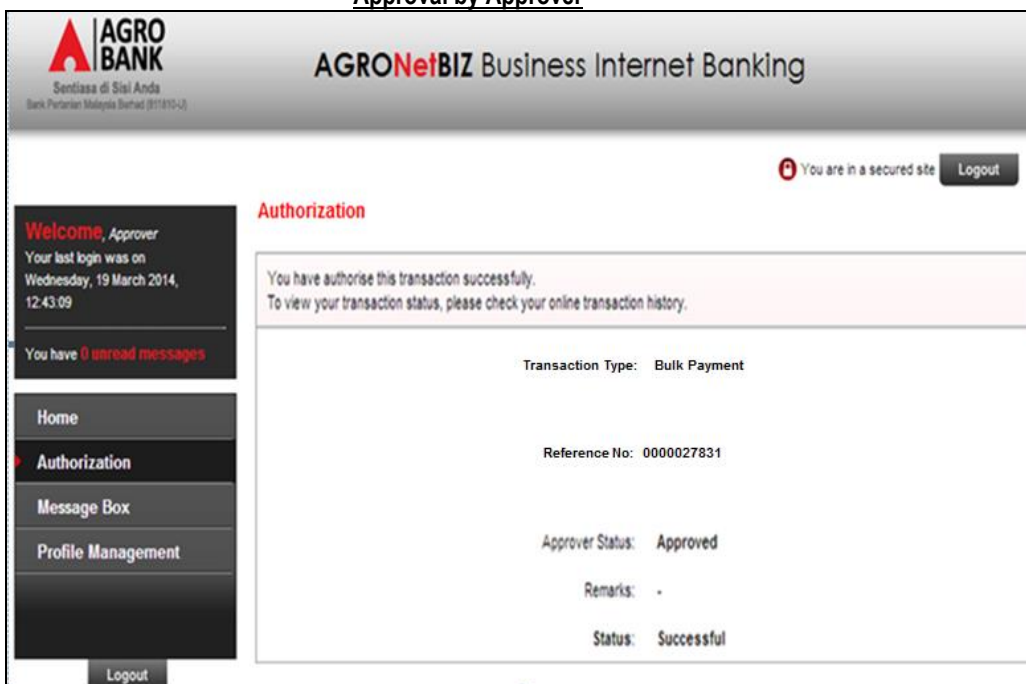
Approver Status:  Approve  Reject  
Remarks:

Enter Security Token PIN number:

Clear Cancel Confirm

Logout

Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

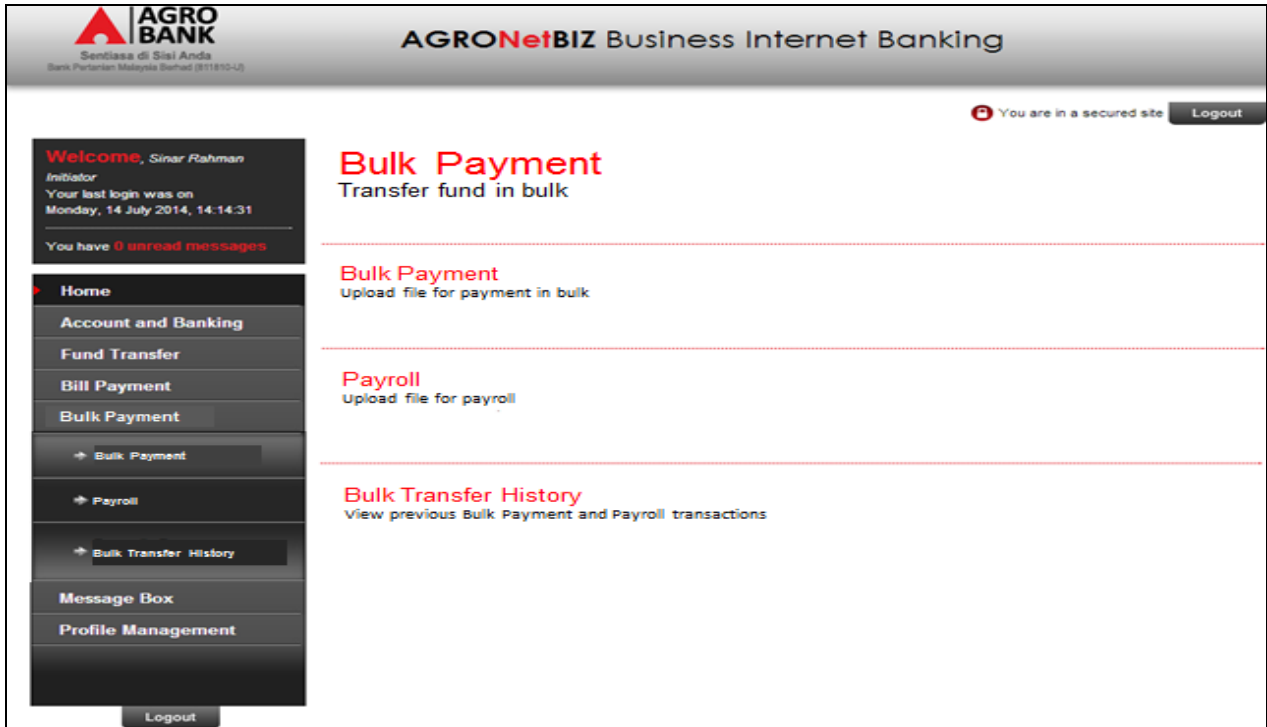
**Authorization**

You have authorised this transaction successfully.  
To view your transaction status, please check your online transaction history.

Transaction Type: Bulk Payment  
Reference No: 0000027831  
Approver Status: Approved  
Remarks: -  
Status: Successful

Logout

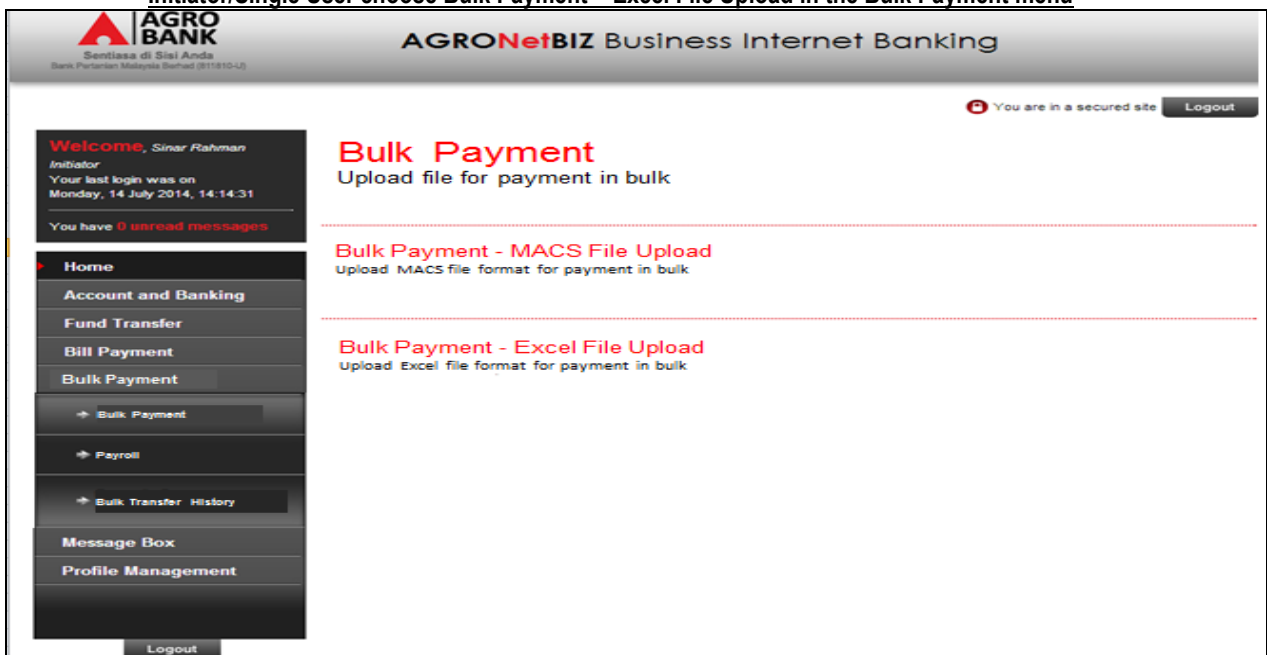
## 13.2 Bulk Payment – Excel File Upload



The screenshot shows the AGRO NetBIZ Business Internet Banking interface. The header includes the AGRO BANK logo and the text "AGRO NetBIZ Business Internet Banking". A security notice states "You are in a secured site" with a "Logout" button. The main content area is divided into three sections: "Bulk Payment" (Upload file for payment in bulk), "Payroll" (Upload file for payroll), and "Bulk Transfer History" (View previous Bulk Payment and Payroll transactions). A left sidebar contains a navigation menu with options: Home, Account and Banking, Fund Transfer, Bill Payment, Bulk Payment (with sub-options for Bulk Payment, Payroll, and Bulk Transfer History), Message Box, and Profile Management. A "Logout" button is located at the bottom of the sidebar.



Initiator/Single User choose Bulk Payment – Excel File Upload in the Bulk Payment menu



This screenshot shows the same dashboard as above, but with the "Bulk Payment" menu item selected in the sidebar. The main content area now displays two sub-options under the "Bulk Payment" heading: "Bulk Payment - MACS File Upload" (Upload MACS file format for payment in bulk) and "Bulk Payment - Excel File Upload" (Upload Excel file format for payment in bulk). The rest of the interface, including the header, security notice, and sidebar, remains the same.



Title :

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Initiator/Single User choose Excel file format to upload

**Bulk Payment - Excel File Upload**

**Notes**

Click *Choose File* to upload Excel file format for payment in bulk.

Step 1/4

*Choose File*

Upload Cancel



*During uploading, MACS System converts the Excel File to MACS File format & automatic saves to BIB.*



**Initiator/Single User click Next & the converted MACS file format automatic upload to BIB**

**Bulk Payment - Excel File Upload**

**Notes**  
Click Next to process the bulk payment.  
Click Cancel if you wish to cancel the bulk payment.

Step 2/4

The Excel file successful converted to MACS file format.

Next Cancel

*BIB validates the MACS File format*

**Confirm by Initiator**

**Bulk Payment**

**Notes**  
Please key in crediting date.

Step 3/4

Key in Crediting Date:

Confirm Back

**Confirm by Single User**

**Bulk Payment**

**Notes**  
Please key in crediting date.

Step 3/4

Key in Crediting Date:

Enter Security Token PIN number:

Confirm Back

**Bulk Payment result screen for Initiator**

**Bulk Payment**

**Notes**  
You are advised to print the receipt for your future reference and record keeping.

Step 4/4

Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014  
Status: Pending Approval  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

Print Receipt Upload Another File

**Bulk Payment result screen for Single User**

**Bulk Payment**

**Notes**  
You are advised to print the receipt for your future reference and record keeping.

Step 4/4

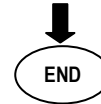
Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014  
Status: Successful  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

Print Receipt Upload Another File

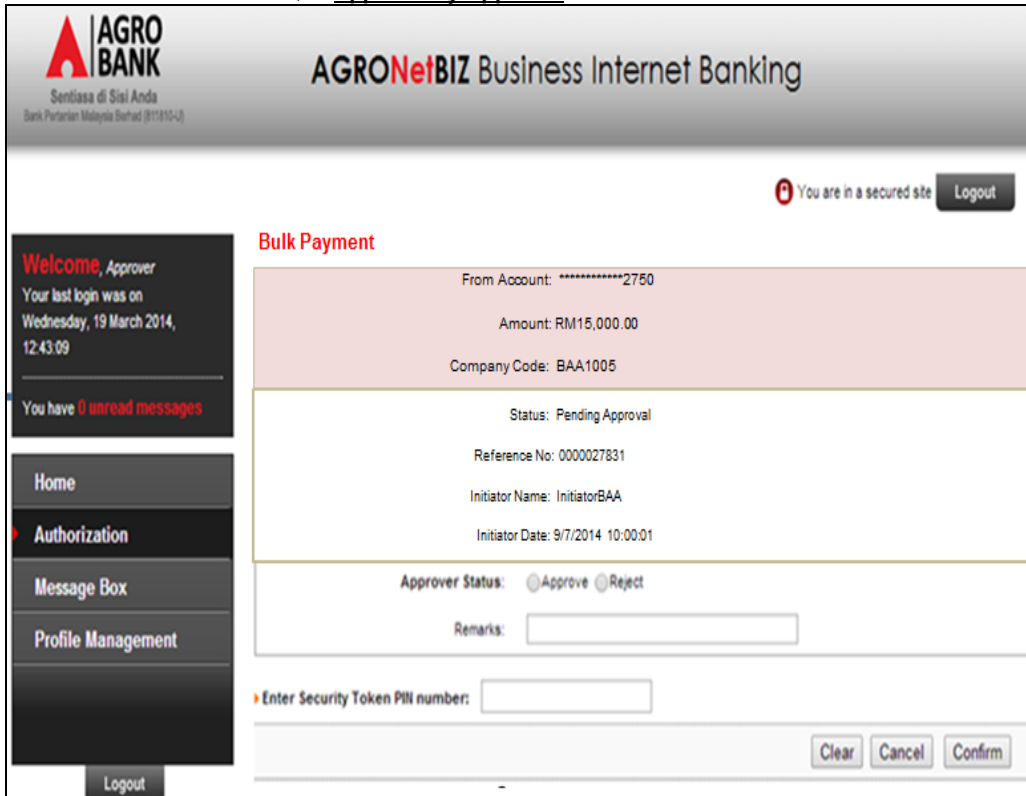
Title :

USER REQUIREMENT SPECIFICATION [URS]

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Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

**Bulk Payment**

From Account: \*\*\*\*\*2750  
Amount: RM15,000.00  
Company Code: BAA1005

Status: Pending Approval  
Reference No: 0000027831  
Initiator Name: InitiatorBAA  
Initiator Date: 9/7/2014 10:00:01

Approver Status:  Approve  Reject  
Remarks:

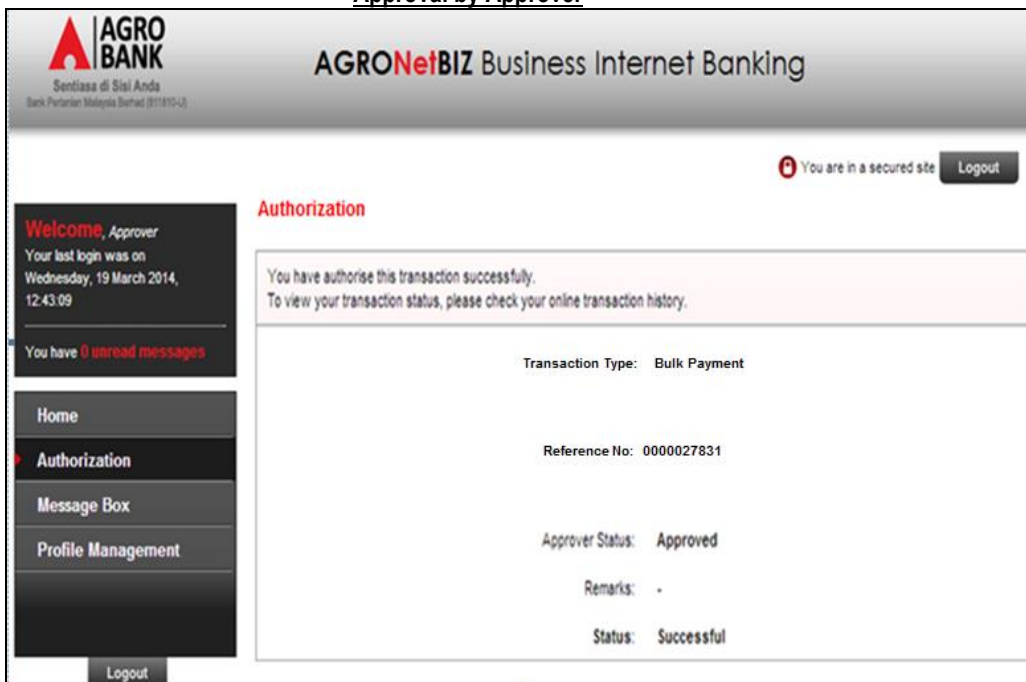
Enter Security Token PIN number:

Clear Cancel Confirm

Logout



Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

**Authorization**

You have authorised this transaction successfully.  
To view your transaction status, please check your online transaction history.

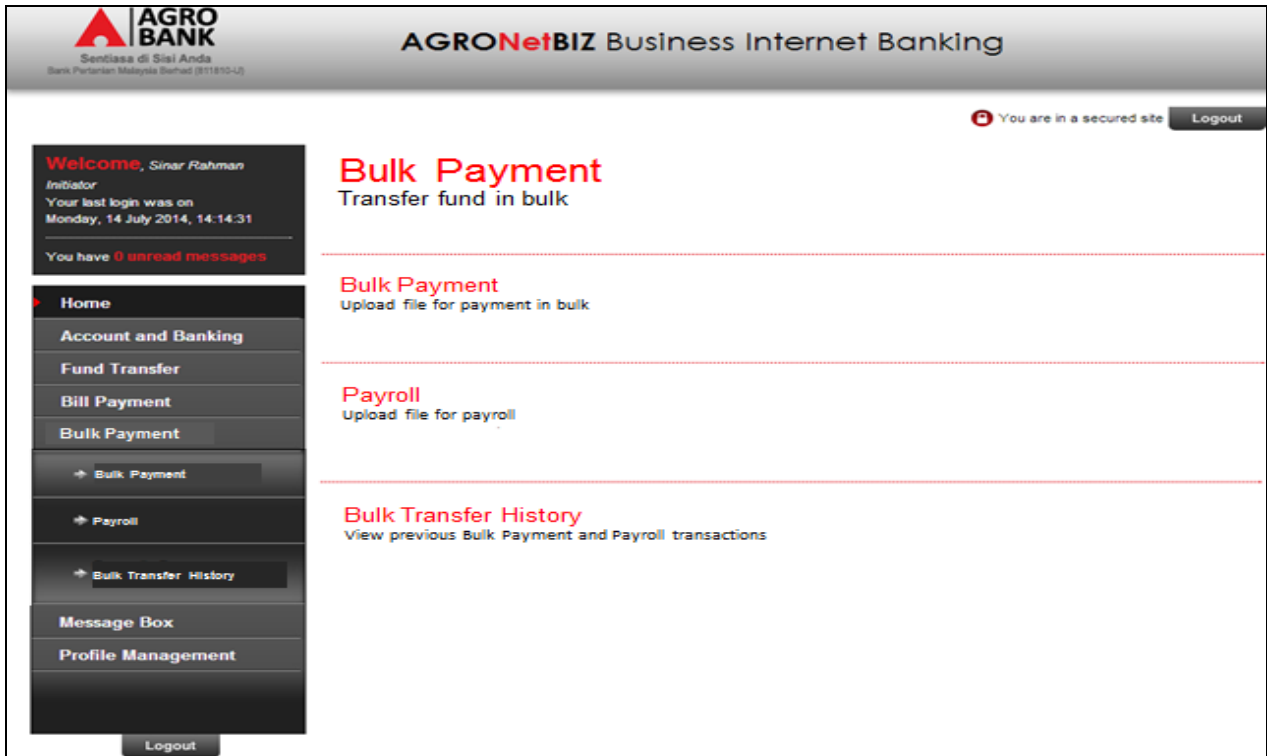
Transaction Type: Bulk Payment

Reference No: 0000027831

Approver Status: Approved  
Remarks: -  
Status: Successful

Logout

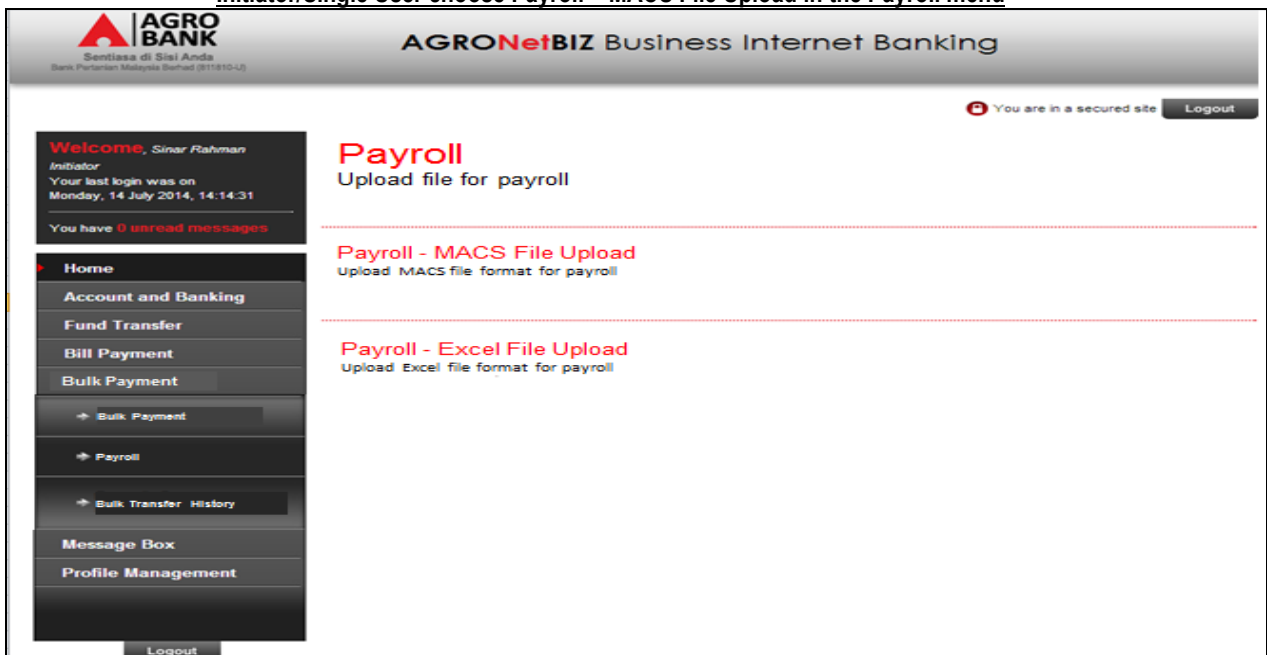
## 13.3 Payroll – MACS File Upload



The screenshot shows the AGRO BANK AGRONetBIZ Business Internet Banking interface. The header includes the AGRO BANK logo and the text "Sentiasa di Sisi Anda" and "Bank Pertanian Malaysia Berhad (811810-U)". The main navigation menu on the left includes: Home, Account and Banking, Fund Transfer, Bill Payment, Bulk Payment (with sub-items: Bulk Payment, Payroll, Bulk Transfer History), Message Box, and Profile Management. The main content area displays three sections: "Bulk Payment" (Transfer fund in bulk), "Payroll" (Upload file for payroll), and "Bulk Transfer History" (View previous Bulk Payment and Payroll transactions). A "Logout" button is visible at the bottom left.



Initiator/Single User choose Payroll – MACS File Upload in the Payroll menu



The screenshot shows the AGRO BANK AGRONetBIZ Business Internet Banking interface with the "Payroll" menu selected. The main navigation menu on the left is the same as in the previous screenshot. The main content area displays two sections: "Payroll - MACS File Upload" (Upload MACS file format for payroll) and "Payroll - Excel File Upload" (Upload Excel file format for payroll). A "Logout" button is visible at the bottom left.



Initiator/Single User choose MACS file format to upload
**Payroll - MACS File Upload**
**Notes**

 Click [Choose File](#) to upload MACS file format for payroll.

Step 1/3

[Choose File](#)
[Upload](#)
[Cancel](#)
*BIB validates the  
MACS File format*
Confirm payroll by Initiator

**Payroll**

**Notes**  
Please key in crediting date.

Step 2/3

Key in Crediting Date:

[Confirm](#) [Back](#)

Confirm payroll by Single User

**Payroll**

**Notes**  
Please key in crediting date.

Step 2/3

Key in Crediting Date:

Enter Security Token PIN number:

[Confirm](#) [Back](#)

Payroll result screen for Initiator

**Payroll**

**Notes**  
You are advised to print the receipt for your future reference and record keeping.

Step 3/3

Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014

Status: Pending Approval  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

[Print Receipt](#) [Upload Another File](#)

Payroll result screen for Single User

**Payroll**

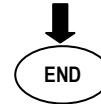
**Notes**  
You are advised to print the receipt for your future reference and record keeping.

Step 3/3

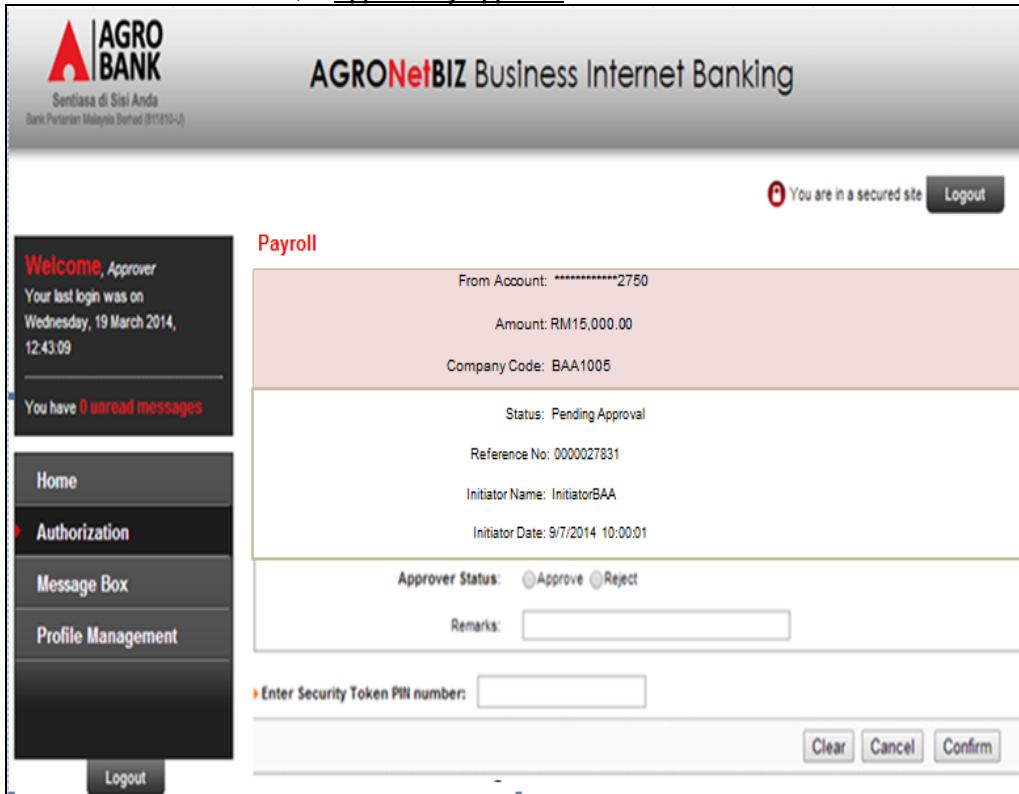
Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014

Status: Successful  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

[Print Receipt](#) [Upload Another File](#)



Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

Welcome, Approver  
Your last login was on  
Wednesday, 19 March 2014,  
12:43:09

You have 0 unread messages

Home  
Authorization  
Message Box  
Profile Management  
Logout

**Payroll**

From Account: \*\*\*\*\*2750  
Amount: RM15,000.00  
Company Code: BAA1005

Status: Pending Approval  
Reference No: 0000027831  
Initiator Name: InitiatorBAA  
Initiator Date: 9/7/2014 10:00:01

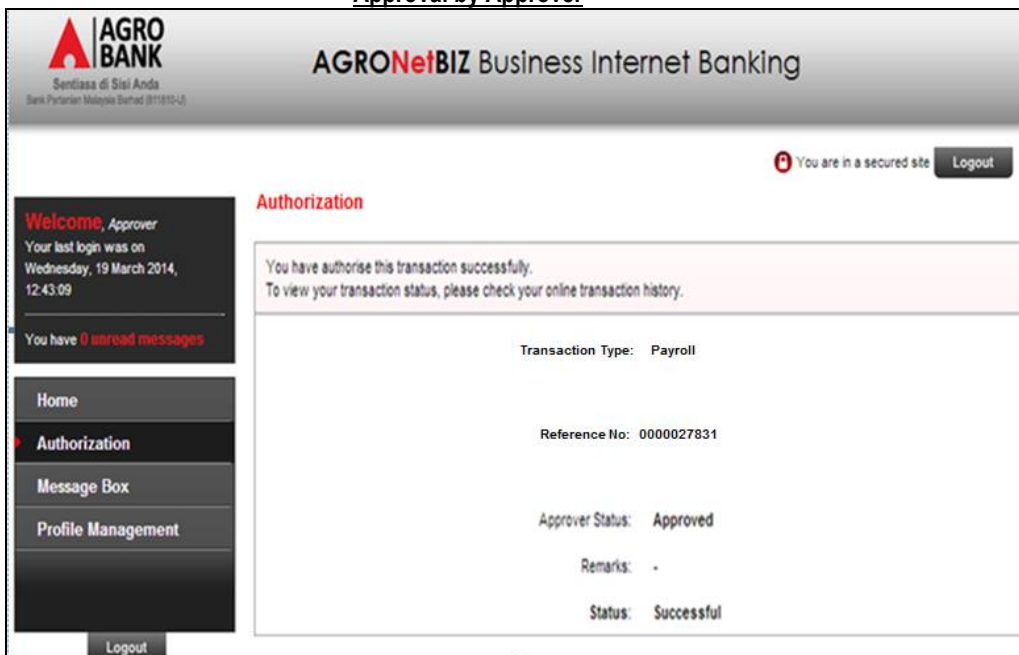
Approver Status:  Approve  Reject

Remarks:

Enter Security Token PIN number:

Clear Cancel Confirm

Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

Welcome, Approver  
Your last login was on  
Wednesday, 19 March 2014,  
12:43:09

You have 0 unread messages

Home  
Authorization  
Message Box  
Profile Management  
Logout

**Authorization**

You have authorised this transaction successfully.  
To view your transaction status, please check your online transaction history.

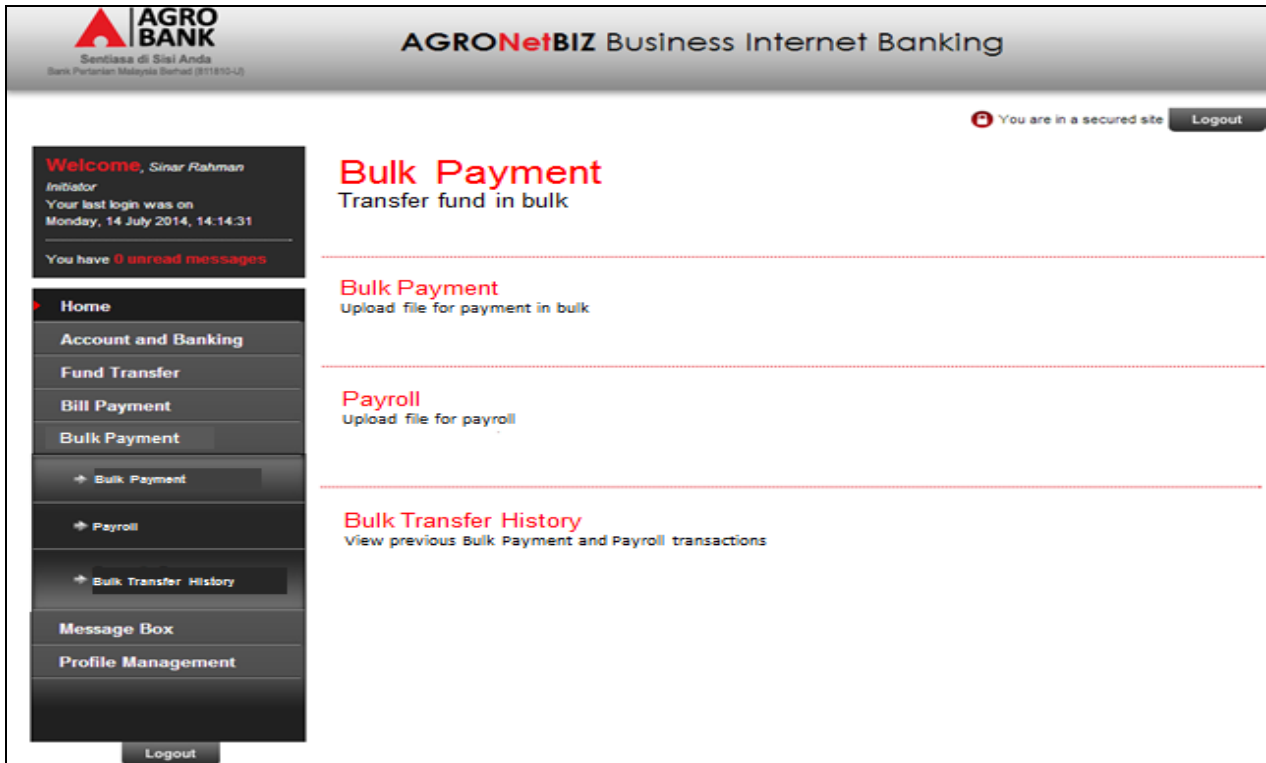
Transaction Type: Payroll

Reference No: 0000027831

Approver Status: Approved  
Remarks: -  
Status: Successful



## 13.4 Payroll – Excel File Upload



The screenshot shows the AGRONetBIZ Business Internet Banking dashboard. The header includes the AGRO BANK logo and the text "AGRONetBIZ Business Internet Banking". A security notice states "You are in a secured site" with a "Logout" button. The main content area is divided into three sections: "Bulk Payment" (Transfer fund in bulk), "Payroll" (Upload file for payroll), and "Bulk Transfer History" (View previous Bulk Payment and Payroll transactions). A left sidebar contains a navigation menu with options: Home, Account and Banking, Fund Transfer, Bill Payment, Bulk Payment (with sub-options for Bulk Payment and Payroll), Bulk Transfer History, Message Box, and Profile Management. A "Logout" button is located at the bottom of the sidebar.



Initiator/Single User choose Payroll – Excel File Upload in the Payroll menu



The screenshot shows the AGRONetBIZ Business Internet Banking dashboard with the "Payroll" menu selected. The header and security notice are the same as in the previous screenshot. The main content area now displays "Payroll" (Upload file for payroll) with two sub-options: "Payroll - MACS File Upload" (Upload MACS file format for payroll) and "Payroll - Excel File Upload" (Upload Excel file format for payroll). The left sidebar navigation menu remains the same, but the "Payroll" option is highlighted. A "Logout" button is located at the bottom of the sidebar.



Initiator/Single User choose Excel file format to upload

**Payroll - Excel File Upload**

**Notes**

Click *Choose File* to upload Excel file format for payroll.

Step 1/4

*Choose File*

Upload

Cancel

Interface with  
MACS System  
via BIB

*During uploading, MACS System  
converts the Excel File to  
MACS File format &  
automatic saves to BIB.*

**Initiator/Single User click Next & the converted MACS file format automatic upload to BIB**

**Payroll - Excel File Upload**

**Notes**  
Click Next to process the payroll.  
Click Cancel if you wish to cancel the payroll.

Step 2/4

The Excel file successful converted to MACS file format.

Next Cancel

← BIB validates the MACS File format

**Confirm by Initiator**

**Payroll**

**Notes**  
Please key in crediting date.

Step 3/4

Key in Crediting Date:

Confirm Back

**Confirm by Single User**

**Payroll**

**Notes**  
Please key in crediting date.

Step 3/4

Key in Crediting Date:

Enter Security Token/PIN number:

Confirm Back

**Payroll result screen for Initiator**

**Payroll**

**Notes**  
You are advised to print the receipt for your future reference and record keeping.

Step 4/4

Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014  
Status: Pending Approval  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

Print Receipt Upload Another File

**Payroll result screen for Single User**

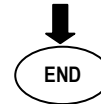
**Payroll**

**Notes**  
You are advised to print the receipt for your future reference and record keeping.

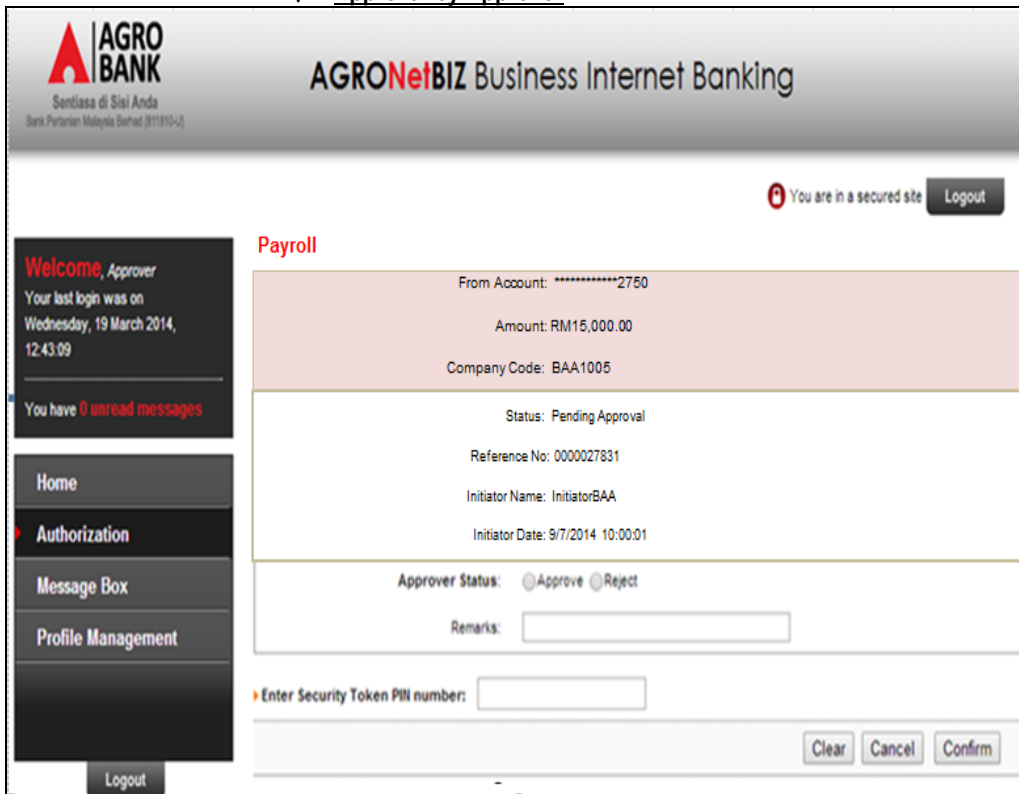
Step 4/4

Company Code: BAA1005  
Total Amount: RM15,000.00  
Employer Number: 50  
Total Record: 3  
Crediting Date: 30/7/2014  
Status: Successful  
Reference No: 0000027831  
Transaction Date: 9/7/2014  
Transaction Time: 10:00:01

Print Receipt Upload Another File



Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

**Welcome, Approver**  
Your last login was on  
Wednesday, 19 March 2014,  
12:43:09

You have 0 unread messages

Home  
Authorization  
Message Box  
Profile Management  
Logout

**Payroll**

From Account: \*\*\*\*\*2750  
Amount: RM15,000.00  
Company Code: BAA1005

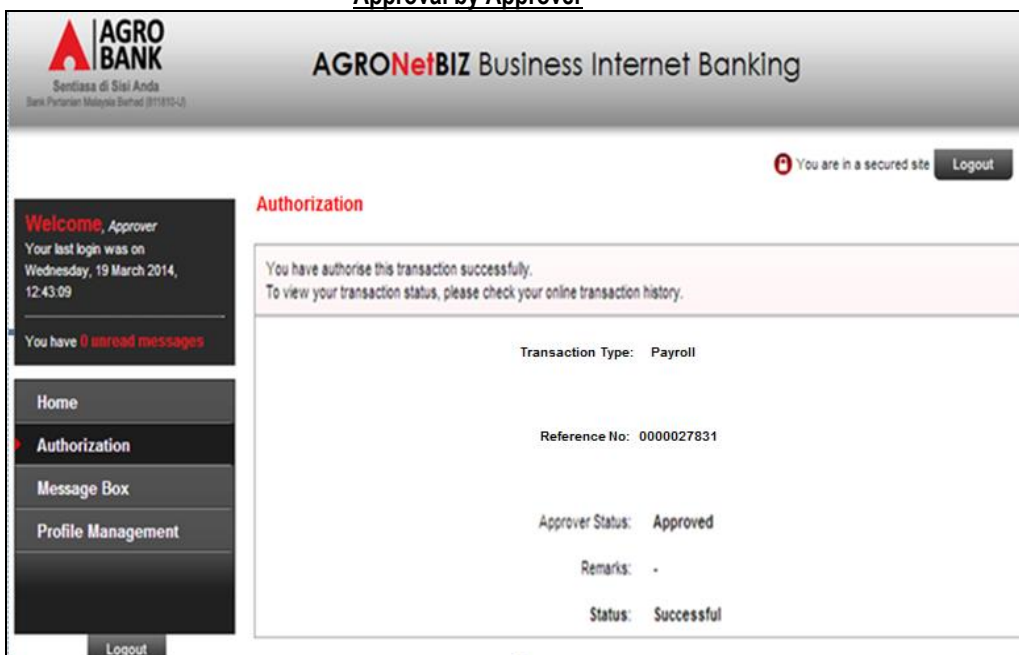
Status: Pending Approval  
Reference No: 0000027831  
Initiator Name: InitiatorBAA  
Initiator Date: 9/7/2014 10:00:01

Approver Status:  Approve  Reject  
Remarks:

Enter Security Token PIN number:

Clear Cancel Confirm

Approval by Approver



**AGRO BANK**  
Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-U)

**AGRONetBIZ Business Internet Banking**

You are in a secured site Logout

**Welcome, Approver**  
Your last login was on  
Wednesday, 19 March 2014,  
12:43:09

You have 0 unread messages

Home  
Authorization  
Message Box  
Profile Management  
Logout

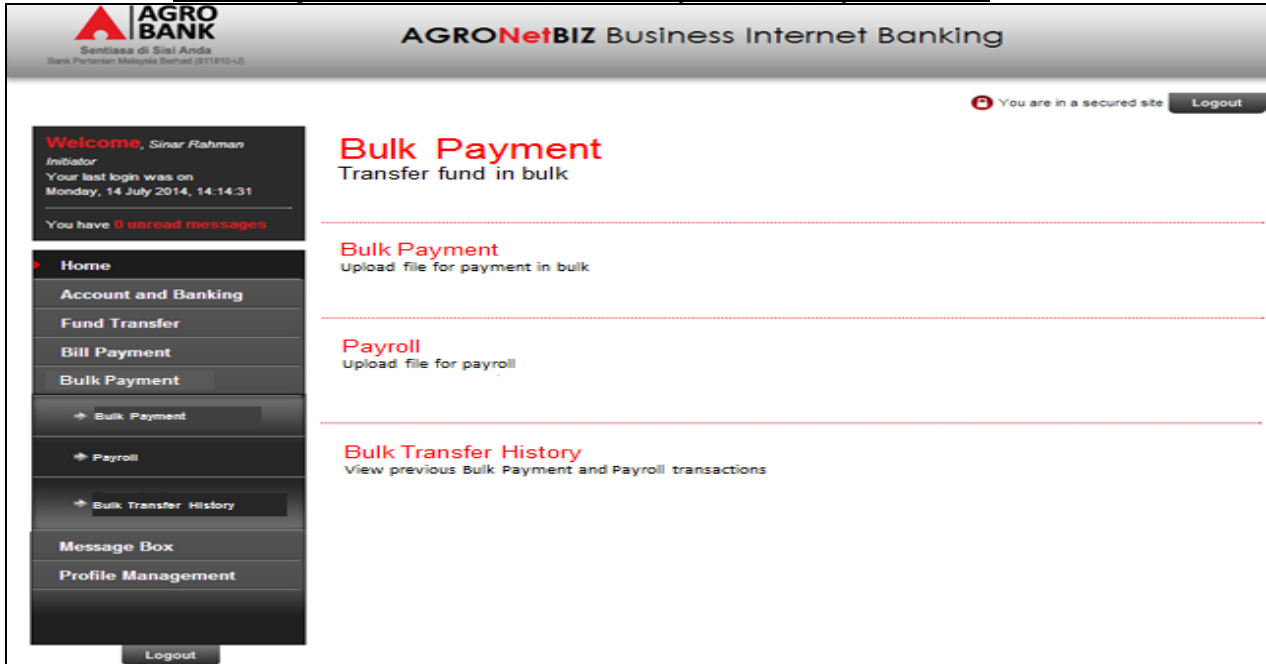
**Authorization**

You have authorised this transaction successfully.  
To view your transaction status, please check your online transaction history.

Transaction Type: Payroll  
Reference No: 0000027831  
Approver Status: Approved  
Remarks: -  
Status: Successful

### 13.5 Bulk Payment – Bulk Transfer History

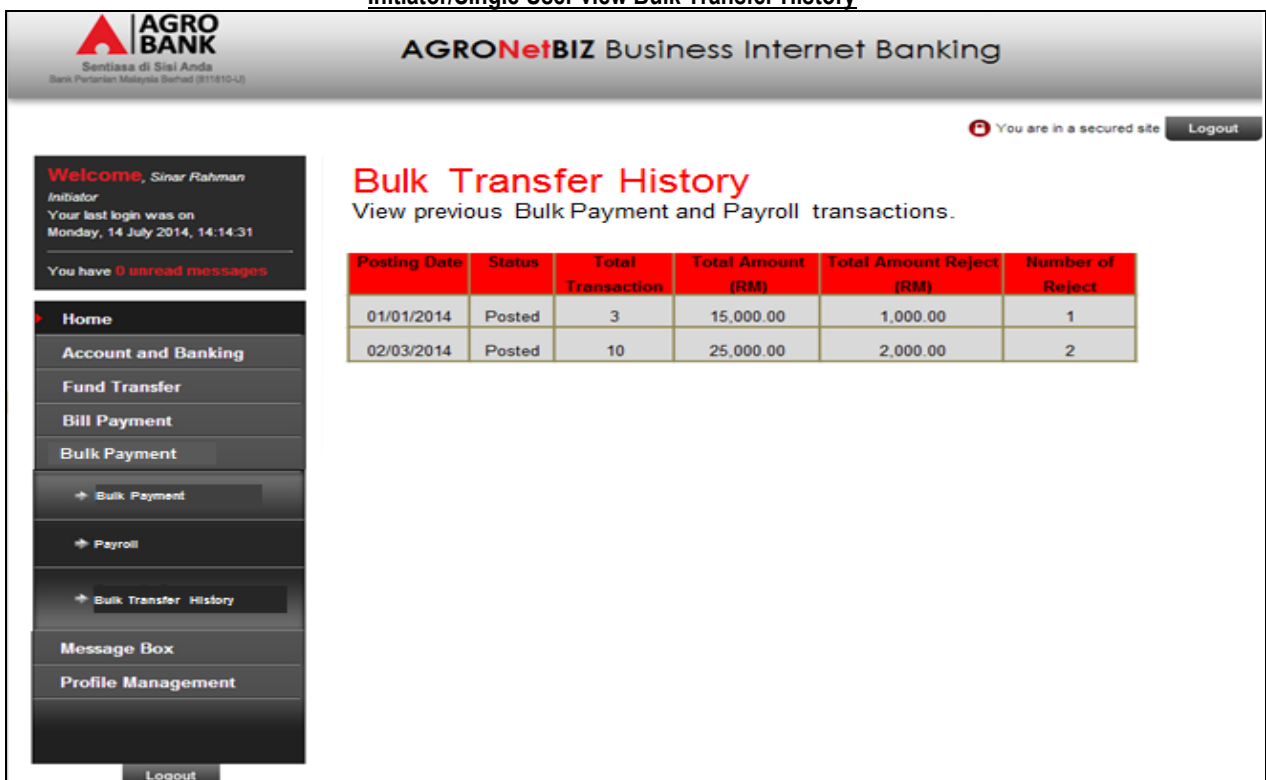
Initiator/Single User choose Bulk Transfer History in the Bulk Payment Module



The screenshot shows the AGRONetBIZ Business Internet Banking interface. The header includes the AGRO BANK logo and the text "AGRONetBIZ Business Internet Banking". A navigation menu on the left lists "Home", "Account and Banking", "Fund Transfer", "Bill Payment", "Bulk Payment", "Payroll", "Bulk Transfer History", "Message Box", and "Profile Management". The main content area displays "Bulk Payment" (Transfer fund in bulk), "Payroll" (Upload file for payroll), and "Bulk Transfer History" (View previous Bulk Payment and Payroll transactions).



Initiator/Single User view Bulk Transfer History



The screenshot shows the AGRONetBIZ Business Internet Banking interface with the "Bulk Transfer History" module selected. The main content area displays a table with the following data:

| Posting Date | Status | Total Transaction | Total Amount (RM) | Total Amount Reject (RM) | Number of Reject |
|--------------|--------|-------------------|-------------------|--------------------------|------------------|
| 01/01/2014   | Posted | 3                 | 15,000.00         | 1,000.00                 | 1                |
| 02/03/2014   | Posted | 10                | 25,000.00         | 2,000.00                 | 2                |

**13.6 Sample Print Receipt – Bulk Payment & Payroll**

Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-L)

**Bulk Payment Receipt**


Monday, 9 July 2014 10:05:00

This is an online Bulk Payment receipt made by SingleUserBAA via AgroBank Online. The details of transfer are as follows:

|                   |                   |
|-------------------|-------------------|
| Company Code:     | BA1005            |
| Total Amount:     | RM15,000.00       |
| Employer Number:  | 50                |
| Total Record:     | 3                 |
| Posting Date:     | 30/7/2014         |
| Status:           | <b>Successful</b> |
| Reference No.:    | 000002783137      |
| Transaction Date: | 9/7/2014 10:01    |
| Transaction Time: | 10:00:01          |

Your bill will be updated on the next working days by the payee.

*Disclaimer: This is a computer generated receipt. No signature is required.*



Sentiasa di Sisi Anda  
Bank Pertanian Malaysia Berhad (811810-L)

**Payroll Receipt**

Monday, 9 July 2014 10:05:00

This is an online Payroll receipt made by SingleUserBAA via AgroBank Online. The details of transfer are as follows:

|                   |                   |
|-------------------|-------------------|
| Company Code:     | BA1005            |
| Total Amount:     | RM15,000.00       |
| Employer Number:  | 50                |
| Total Record:     | 3                 |
| Posting Date:     | 30/7/2014         |
| Status:           | <b>Successful</b> |
| Reference No.:    | 000002783137      |
| Transaction Date: | 9/7/2014 10:01    |
| Transaction Time: | 10:00:01          |

Your bill will be updated on the next working days by the payee.

*Disclaimer: This is a computer generated receipt. No signature is required.*

**14.0 FORM AND VOUCHERS**

Not applicable.

**15.0 FUTURE REQUIREMENT**

Not applicable.