**Module 1.1: Bill payment open account select category page**

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| Path | bii-rest/service/billPaymentServices/executeOpenSelectCategory |
| Request Parameter  | locale (String) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", }) } }; |
| Response | categoryMap, serviceInfoBean |

**Module 1.2: Bill payment fav account select page**

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| Path | bii-rest/service/billPaymentServices/executeFavSelectCategory |
| Request Parameter  | locale (String), userId(Long-Get from loginWelcome page inside the custProfile response) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "userId":1551, }) } }; |
| Response | restRegisteredPayeesMap, serviceInfoBean |

**Module 2: Bill payment open account select payee page**

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| Path | bii-rest/service/billPaymentServices/executeOpenSelectPayee |
| Request Parameter  | locale (String), category(String-category map key from the select category page) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "category":"691", }) } }; |
| Response | categoryPayee |

**Module 3.1: Bill payment open account details page**

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| Path | bii-rest/service/billPaymentServices/executeOpenDetail |
| Request Parameter  | locale (String), category(String-category map key from the select category page), categoryPayee(Get from select payee page), linkedAccount(Get from login welcome page), toPayee(Payee select by user on select payee page) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "category":"691", "categoryPayee":categoryPayee, "linkedAccount":linkAccount, "toPayee":"136",  }) } }; |
| Response | amountMap, fromAccounts, currencyISOCode, merchantCurrencyMap, paymentMode, payeeKey |

**Module 3.2: Bill payment fav account details page**

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| Path | bii-rest/service/billPaymentServices/executeFavDetail |
| Request Parameter  | locale (String), registeredPayeesMap(Get from fav select category page), linkedAccount(Get from Login Welcome page), toPayee(Fav payee selected by user on fav select category page) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "registeredPayeesMap":restRegisteredPayeesMap, "linkedAccount":linkAccount, "toPayee":"Telkom Speedy Flexi YesTV 0021006909733 Chee Ping",  }) } }; |
| Response | amountMap, fromAccounts, billAccountNumber, currencyISOCode, merchantCurrencyMap, paymentMode, payeeKey, subscriberName |

**Module 4.1: Bill payment open account confirm page**

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| Path | bii-rest/service/billPaymentServices/executeOpenConfirm |
| Request Parameter  | locale (String), category(String), toPayee(String), billAccNumber(String), referenceNumber1(String), ReferenceNumber2(String), fromAccount(Key from account map), fromAccountMap(Get from details page), currencyMap(get from details page), currencyISOCode(String), payeeKey(String), toCurrency(String), toAmount(String), referenceNumber(String), message(String) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "category":"691", "toPayee":"136", "billAccNumber":"123466748932", "referenceNumber1":"AYR4211", "referenceNumber2":"", "fromAccount":"0", "fromAccountMap":fromAccounts, "currencyMap":merchantCurrencyMap, "currencyISOCode":"IDR", "payeeKey":"136", "toCurrency":"160", "toAmount":"15000", "referenceNumber":"ewbr2b21b3k", "message":"For testing only", "serviceInfoBean":serviceInfoOpen, }) } }; |
| Response | billAccNumber, chargeAmount, debitAmount, equDefaultAmount, fromCurrencyRate, payeeAccNumber, toCurrencyRate and etc. |

**Module 4.2: Bill payment fav account confirm page**

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| --- | --- |
| Path | bii-rest/service/billPaymentServices/executeFavConfirm |
| Request Parameter  | locale (String), billAccNumber(String), referenceNumber1(String), ReferenceNumber2(String), fromAccount(Key from account map), fromAccountMap(Get from details page), currencyMap(get from details page), currencyISOCode(String), toCurrency(String), toAmount(String), referenceNumber(String), message(String), registeredPayees(Get from fav select category page), toPayee(Key registeredPayees map), billType(String-0=normal,1=credit card,2=mobile,3=utility,4=mobile reload, 99=unknown), subcribeName(String) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "billAccNumber":"0021006909733", "referenceNumber1":"AYR4211", "referenceNumber2":"", "fromAccount":"0", "fromAccountMap":fromAccounts, "currencyMap":merchantCurrencyMap, "currencyISOCode":"IDR", "toCurrency":"IDR", "toAmount":"15000", "referenceNumber":"ewbr2b21b3k", "message":"For testing only", "registeredPayees":restRegisteredPayeesMap, "toPayee":"Telkom Speedy Flexi YesTV 0021006909733 Chee Ping", "billType":"3", "subcribeName":"Chee Ping",  "serviceInfoBean":serviceInfoFav,  }) } }; |
| Response | additionalData, billAccNumber, billInfoMap, debitAmount, equDefaultAmount, chargeAmount, monetaryMap, multiBillMap, toCurrencyRate, fromCurrencyRate and etc. |

**Module 4.3: Bill payment request tac service on confirm page**

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| Path | bii\_RestfulRib/service/billPaymentServices/executeTacRequest |
| Request Parameter  | locale (String), userId(Long), tacBean(Get from confirm page, if the Boolean isTacRequired equal true on service info bean), userTacPhone(Get from customer profile), cifNo(Get from customer profile) |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "locale":"en", "userId":1551, "tacBean":tacBean, "userTacPhone":"AYR4211", "cifNo":"0005967176", }) } }; |
| Response | tacSentDateTime, smsServiceBean, tacViewBean |

**Module 5.1: Bill payment open account result page**

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| --- | --- |
| Path | bii-rest/service/billPaymentServices/executeOpenResult |
| Request Parameter  | categoryKey(String), locale(String), payeeKey(String), serviceInfoBean(Get from select category page), fromAccount(String), fromCurrency(String), fromCurrencyRate(Big Decimal), toCurrency(String), toCurrencyRate(Big Decimal), payeeCode(String), billAccNumber(String), referenceNumber(String), message(String), amountCurrency(String), userId(Long) and others as below.  |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "categoryKey":"691", "locale":"en", "payeeKey":"136", "serviceInfoBean":serviceInfoOpen, "fromAccount":"2003500382", "fromCurrency":"IDR", "fromCurrencyRate":1, "toCurrency":"IDR", "toCurrencyRate":1, "payeeCode":"691", "billAccNumber":"123466748932", "referenceNumber":"ewbr2b21b3k", "message":"For testing only", "amountCurrency":"", "userId":1551, "cifNo":"0005967176", "userFullName":"EKO SUGIANTORO", "toAmount":"15000", "chargeAmount":"0.000000", "debitAmount":"15000.00", "equDefaultAmount":"15000.00", "subcribeName":"testing", "remoteIPAddress":"192.168.1.1", "userAlias":"ribuser", "payeeAccNumber":"2003013712", "referenceNumber1":"AYR4211", "referenceNumber2":"", "userAgent":"Iphone5", "sessionId":"20140815121146008315", "smsServiceBean":restSMSService, //get from tac request module. "tacSentDateTime":"20140819 10:18:29",//date request the TAC, get from tac request module. }) } }; |
| Response | Details, fullName, fromAccount, receipt, receiptEN, transactionReferenceNumber, transactionStatus, transactionSuccessful |

**Module 5.2: Bill payment fav account result page**

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| --- | --- |
| Path | bii-rest/service/billPaymentServices/executeFavResult |
| Request Parameter  | categoryKey(String), locale(String), payeeKey(String), serviceInfoBean(Get from select category page), fromAccount(String), fromCurrency(String), fromCurrencyRate(Big Decimal), toCurrency(String), toCurrencyRate(Big Decimal), payeeCode(String), billAccNumber(String), referenceNumber(String), message(String), additionalData(String), amountCurrency(String), userId(Long) and others as below.  |
| Sample request | **var** input = { method : 'post', returnedContentType : 'json', path : path, body:{ contentType:'application/json; charset=UTF-8', content: JSON.stringify({ "categoryKey":"655", "locale":"en", "payeeKey":"Telkom Speedy Flexi YesTV 0021006909733 Chee Ping", "serviceInfoBean":serviceInfoFav, "fromAccount":"2003500382", "fromCurrency":"IDR", "fromCurrencyRate":1, "toCurrency":"IDR", "toCurrencyRate":1, "payeeCode":"Telkom Speedy Flexi YesTV 0021006909733 Chee Ping", "billAccNumber":"0021006909733", "referenceNumber":"ewbr2b21b3k", "message":"For testing only", "additionalData":"0002000112341108A000000 20000 PSTN BEKASI 1 BILL 00921 ", "amountCurrency":"", "userId":1551, "cifNo":"0005967176", "userFullName":"EKO SUGIANTORO", "toAmount":"15000", "chargeAmount":"0.000000", "debitAmount":"15000.00", "equDefaultAmount":"15000.00", "subcribeName":"Chee Ping", "remoteIPAddress":"192.168.1.1", "userAlias":"ribuser", "payeeAccNumber":"2003013712", "referenceNumber1":"AYR4211", "referenceNumber2":"", "userAgent":"Iphone5", "sessionId":"20140815121146008315", "billInfoMap":billInfoMap, "monetaryMap":monetaryMap, "registeredPayees":restRegisteredPayeesMap, "billType":"3", "smsServiceBean":restSMSService, //get from tac request module. "tacSentDateTime":"20140819 10:18:29",//date request the TAC, get from tac request module. }) } }; |
| Response | Details, fullName, fromAccount, receipt, receiptEN, transactionReferenceNumber, transactionStatus, transactionSuccessful |

**Object need to store in session**

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| linkAccount |
| **var** linkAccount = JSON.stringify([{ "accountCurrency": "016", "accountCurrencyISO": "IDR", "accountHolderName": "LELY HERNAWATI", "accountNo": "1001328000", "accountRule": "1", "accountType": "", "accountTypeDisplay": "", "nickName": "" }, { "accountCurrency": "016", "accountCurrencyISO": "IDR", "accountHolderName": "LELY HERNAWATI", "accountNo": "30000000100677", "accountRule": "1", "accountType": "", "accountTypeDisplay": "", "nickName": "" }, { "accountCurrency": "016", "accountCurrencyISO": "IDR", "accountHolderName": "LELY HERNAWATI", "accountNo": "2003500382", "accountRule": "1", "accountType": "", "accountTypeDisplay": "", "nickName": "" }]); |

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| categoryPayee |
| **var** categoryPayee = JSON.stringify({ "136": "PLCR Citibank", "137": "KTA ANZ", "138": "Standard Chartered Bank Loan", "152": "BII FINANCE", "21": "Oto Multiartha", "33": "HSBC KREDIT TANPA AGUNAN KU", "432": "SCB Personal Loan"}); |

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| restRegisteredPayeesMap |
| **var** restRegisteredPayeesMap = JSON.stringify({ "Telkom Speedy Flexi YesTV 0021006909733 Chee Ping": { "beneName": "Telkom Speedy Flexi YesTV", "billAccountNumber": "0021006909733", "billHolderName": "Chee Ping", "billRef1": **null**, "billRef2": **null**, "billType": 3, "currencyCode": **null**, "ibRegPayeeRef": **null**, "ibRegPayeeStrcol1": **null**, "ibRegPayeeStrcol2": **null**, "mobileNo": **null**, "nextScreenIndicator": **null**, "nickname": **null**, "payeeCode": "000200", "userId": 1551 } }); |

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| fromAccounts |
| **var** fromAccounts = JSON.stringify({ "0": { "accountHolderName": "LELY HERNAWATI", "accountNo": "2003500382", "accountNoDisplay": "2003500382 CA IDR", "currecyCode": "016", "isocurrecyCode": "IDR" }, "1": { "accountHolderName": "LELY HERNAWATI", "accountNo": "1001328000", "accountNoDisplay": "1001328000 SA IDR", "currecyCode": "016", "isocurrecyCode": "IDR" } }); |

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| merchantCurrencyMap |
| **var** merchantCurrencyMap = JSON.stringify({ "016": "IDR", "017": "AUD", "021": "CAD", "024": "GBP", "025": "HKD", "029": "JPY", "032": "NZD", "034": "SGD", "039": "USD", "040": "DEM", "047": "EUR", "360": "IDR"}); |

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| serviceInfoOpen |
| **var** serviceInfoOpen = JSON.stringify({ "charges": **null**, "denominator": "0", "futureTransactionFlag": **false**, "mainNote1": "<p>You may select a Payee Corporation category from the list below.<\/p>", "mainNote2": "<p>You may select a Payee Corporation from the list below.<\/p>", "mainNote3": "<p>Please enter the transaction details.<\/p>", "mainNote4": "<p>Please ensure the followings, before clicking the <strong>Confirm<\/strong> button:<\/p><p> <\/p><li>All details entered are correct.<p> <\/p><\/li><li>You have updated your mobile phone number for us to send the valid TAC.<\/li>", "mainNote5": "<p>You are kindly advised to print the Receipt for your future reference and record keeping.<\/p>", "mainNote6": **null**, "maxLimit": "999999999", "minLimit": "0", "minimumSmsAmount": "0", "offlineMessage": "<p>Bill Payment<\/p>", "operationEndTime": "1500", "operationHour": **false**, "operationStartTime": "0830", "rewardBase": "2", "rewardMultiplier": "0.50", "serviceInfoCode": "BILLOPEN", "serviceInfoName": "New Bill Payments", "serviceType": **null**, "si": **true**, "smsCharges": "0", "smsNote1": **null**, "smsNote2": **null**, "smsNote3": **null**, "smsNote4": **null**, "smsNote5": **null**, "smsServiceBit": 0, "status": "0", "tableLimit": "0", "tacRequired": **false**, "weekend": **true**}); |

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| serviceInfoFav |
| **var** serviceInfoFav = JSON.stringify({ "charges": **null**, "denominator": "0", "futureTransactionFlag": **false**, "mainNote1": "<p>Make a transfer to a favourite Payee Corporation.<\/p>", "mainNote2": "<p>Please select one of your favourite Payee Corporation from the list below<\/p>", "mainNote3": "<p>Please select your From Account and enter the Amount to be paid<\/p>", "mainNote4": "<p>Please ensure all the details entered are correct before confirming the transaction.<\/p>", "mainNote5": "<p>You are kindly advised to print the Receipt for your future reference and record keeping.<\/p>", "mainNote6": **null**, "maxLimit": "0", "minLimit": "100000", "minimumSmsAmount": "0", "offlineMessage": "<p>Bill Payment<\/p>", "operationEndTime": "1500", "operationHour": **false**, "operationStartTime": "0830", "rewardBase": "0", "rewardMultiplier": "0.00", "serviceInfoCode": "BILLFAV", "serviceInfoName": "Favorite Bill Payment", "serviceType": **null**, "si": **true**, "smsCharges": "2", "smsNote1": **null**, "smsNote2": **null**, "smsNote3": **null**, "smsNote4": **null**, "smsNote5": **null**, "smsServiceBit": 0, "status": "0", "tableLimit": "0", "tacRequired": **true**, "weekend": **true**}); |

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| billInfoMap |
| **var** billInfoMap = JSON.stringify({ "Bill Amount": "IDR 120.00", "Datel Code": "1234", "NPWP": "00921", "Subscriber Number\*": "0021006909733"}); |

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| monetaryMap |
| **var** monetaryMap = JSON.stringify({ "Amount to be Paid": "IDR 120.00", "IDR Equivalent Debited ": "IDR 120.00", "Total Amount to be Debited": "IDR 120.00", "Transfer \/ Administration Fee ": "IDR 0.00"}); |