**BANK3D GATEWAY RESTFUL SERVICE**

**User Acceptance Test Script**

Testing Start Date: 25/06/2020

Testing End Date: 25/06/2020

# INTRODUCTION

The document is meant to guide the proposed third party integration to the **BANK3D payment Web service**.

The testing is conducted to enable us validate that the integration meets the agreed acceptance criteria.

**INTEGRATION INFORMATION**

|  |  |
| --- | --- |
| **PROJECT** | **BANK3D** third party integration |
| **CLIENT** | Kcysoft Communication |
| **DESCRIPTION OF SERVICE** | Bank3d is a business banking platform. It enables businesses to monitor their accounts, pay vendors/suppliers & employees, receive payments from customers and initiate pension remittance.  The specification document accompanying this Test Script details a web service interface that will assist connecting parties to notify Bank3d. |
| **CLIENT REPRESENTATIVE(S)** | **Adedayo Kazeem** |
| **PARKWAY CERTIFICATION OFFICER** | **EDUVIE** |

The following checklist's purpose is to ensure that the appropriate steps have been taken to execute a user acceptance test (UAT), to ensure proper documentation has been completed.

**UAT SCRIPT**

**Test Cases**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/N** | **TEST CASES** | | **WAS THIS TESTED?** | **VERDICT** |
| **These list below are the functions available on the Bank3D Web Service payment which must be called by the integrating third party.** | | | | |
| a. | | **POST REST/ AUTH/ TOKEN**   1. **Confirm that you received client ID for integration** 2. **Confirm you received the Client Secret for Integration.** | (Yes)  (No | Yes |
| b | | **POST REST/PAYMENTS/SINGLE**   1. **Send transaction notification message with success response** 2. **Send transaction notification message with failed response** | (Yes)  (No |  |
| c | | **POST REST/ PAYMENTS/ BATCH**   1. **Send message with success response** 2. **Send message with failed response** | (Yes)  (No |  |

**APPENDIX: TEST EVIDENCE**

**Requests and Responses**

**Please fill in the request sent and the exact response message received for each of the scenarios listed below.**

|  |  |
| --- | --- |
| **Test Parameters** |  |
| ClientID | 160892 |
| ClientSecret | p8klsPyHyjOAWrkDaZWfPpL5DJGEAsJBPrsSci3GHWJmegG2NguMIVgebprmKZB3OZwIBZPK2fXpTdrm9ddXvQ== |
| Expiry | 10000 |

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Request** | **Response** |
| **Valid BankCode** | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE008",  "ItemRef": " ADEITEM008",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM008","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239408} |
| **Invalid BankCode** | {  "FromAccountNumber": "string",  "FromBankCode": "444",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE008",  "ItemRef": " ADEITEM008",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | null |
| **Valid CorporateCode** | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE008",  "ItemRef": " ADEITEM008",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM010","Status":{"Code":"WAITING","Description":"In Progress"},"Id":2394010} |
| **Invalid CorporateCode** | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE008",  "ItemRef": " ADEITEM008",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM009","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239409} |
| **Valid ClientID** | {  "ClientID": "160892",  "ClientSecret": "p8klsPyHyjOAWrkDaZWfPpL5DJGEAsJBPrsSci3GHWJmegG2NguMIVgebprmKZB3OZwIBZPK2fXpTdrm9ddXvQ==",  "Expiry": 1000  } | { ["Token"]=> string(640) "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..YiOFoUgOSspgfyYnUVV2ploScUhYYoxuPu-Rp-AXKDY" ["Expiry"]=> int(10000) } |
| **Invalid ClientID** | {  "ClientID": "1608922",  "ClientSecret": "p8klsPyHyjOAWrkDaZWfPpL5DJGEAsJBPrsSci3GHWJmegG2NguMIVgebprmKZB3OZwIBZPK2fXpTdrm9ddXvQ==",  "Expiry": 1000  } | NULL |
|  |  |  |
| ***TESTS FOR CORPORATE***  ***SIGN UP***  ***(Signup using the different criteria below and capture the request and response in the appropriate field*).** |  |  |
| * *Valid SateCode (within 2 digits)* |  |  |
| * *Invalid StateCode (more than 2 digits)* |  |  |
| * *Valid CorporateCode (input the correct request & response for payment type)* |  |  |
| * *Invalid CorporateCode (input the response & request for an invalid payment type)* |  |  |
|  |  |  |
| ***TESTS FOR CORPORATE***  ***ACCOUNT ADD***  ***(Add accounts using the different criteria below and capture the request and response in the appropriate field*).** |  |  |
| * Valid BankCode *(within* *three digits)* |  |  |
| * Invalid BankCode (*more than three digits)* |  |  |
|  |  |  |
| * Valid AccountNumber (within 10 digits) |  |  |
| * Invalid AccountNumber (*more than 10 digits*) |  |  |
|  |  |  |
|  |  |  |
| **TESTS FOR MANDATE DOWNLOAD** |  |  |
| * Valid MandateCode |  |  |
| * Invalid ManadateCode |  |  |
|  |  |  |
| ***TESTS FOR SINGLE PAYMENTS***  ***(Send payment notification call using the different criteria below and capture the request and response in the appropriate field).*** |  |  |
| * Valid PaymentType *(input* *the correct request & response for payment type)* | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE001",  "ItemRef": " ADEITEM001",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM001","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239402} |
| * Invalid PaymentType (*input the response & request for an invalid payment type)* | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY2",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE002",  "ItemRef": " ADEITEM002",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"Message":"The request is invalid.","ModelState":{"model.PaymentType":["Invalid Payment Type. Use the following payment types SALARY,VENDOR,OTHER,SETTLEMENT"]}} |
| * Valid Narration (within 40 characters) | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE003",  "ItemRef": " ADEITEM003",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM003","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239403} |
| * Invalid Narration (*more than 40 characters*) | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE004",  "ItemRef": " ADEITEM004",  "Amount": 2000,  "Narration": "SALARYaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM004","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239404} |
| * Valid Amount format | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE005",  "ItemRef": " ADEITEM005",  "Amount": 2000,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM004","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239405} |
| * Invalid Amount format (*more than 2 places decimal)* | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE006",  "ItemRef": " ADEITEM006",  "Amount": 2000.456,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | {"ItemRef":"ADEITEM006","Status":{"Code":"WAITING","Description":"In Progress"},"Id":239406} |
| * Invalid Amount format (*more than 20 digits)* | {  "FromAccountNumber": "string",  "FromBankCode": "063",  "PaymentType": "SALARY",  "CorporateCode": "KCYSOFT",  "CorporateId": 110411,  "ProcessDate": " 2020-06-24T16:15:51.645Z",  "BeneficiaryName": "ADEDAYO",  "BeneficiaryRef": " ADE007",  "ItemRef": " ADEITEM007",  "Amount": 20004445544444444444444,  "Narration": "SALARY",  "AccountNumber": "0111462343",  "BankCode": "058"  } | Null |
|  |  |  |

**UAT SIGN-OFF**

***For: Parkway projects Limited***

Name:

Designation:

Date:

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*Authorized Signatory*

***For: (Name of corporate)***

Name: Kcysoft Communication

Designation: System Integrator

Date: 25/06/2020



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*Authorized Signatory*