**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.**
 | [x]  (Yes) [ ]  (No | Yes |
| b | **POST REST/PAYMENTS/SINGLE**1. **Send transaction notification message with success response**
2. **Send transaction notification message with failed response**
 | [x]  (Yes) [ ]  (No |  |
| c | **POST REST/ PAYMENTS/ BATCH**1. **Send message with success response**
2. **Send message with failed response**
 | [x]  (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.eyJodHRwOi8vc2NoZW1hcy54bWxzb2FwLm9yZy93cy8yMDA1LzA1L2lkZW50aXR5L2NsYWltcy9zaWQiOiJGNEVEMjg5ODBCMUE2QjQzREMwN0FEQjc0MzI0MjhEODA4M0Q2RDhBOENBQ0M4NTdBQ0ExNjlFOTczMUNCNENCQjlBOUZDREQ2MzAwQ0NDMDYzMUI0NkIwQjlCMTNCOTk0ODhDNzM4NDVCMjBCNkU2RDY3MEU5MTlERjc0REY3MkVFQzBFOEI3RDk2QjU1ODkzNzg2RUExNDcwQzY5QjJEOTA3QjVFQzE3NzZCRTRDQjIzOTM1OUQxQjcxQTI4MDFBNThFMDlBRTE4MTM3QjI0MUU5NjRERUFEQ0QxQTAwNDBGNjczQTk0QThCOTdCODlGNzc1RkExMEIyRkMxRjc2RTUyREY3NzFDRTdBNTBCMjA4M0Q2RDhBOENBQ0M4NTc5Q0U1REU0OTJBNDI1NDQ3IiwibmJmIjoxNTkzMDMyNTE2LCJleHAiOjE1OTMwNDI1MTYsImlhdCI6MTU5MzAzMjUxNn0.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:

……………………………………..

*Authorized Signatory*

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

Name: Kcysoft Communication

Designation: System Integrator

Date: 25/06/2020



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*Authorized Signatory*