

**INTEGRATION TO CRP WITH UNITED CAPITAL PLC**

**PAPERLESS ID:** 3178947

**System Test Summary Report**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 10-Oct-2024 | V1.0 | Initial Draft | Ikechukwu Aghanchi |
| 10-Oct-2024 | V1.1 | 1st Level Review | Kenechukwu Oraka |
| 10-Oct-2024 | V1.2 | 2nd Level Review | Joseph Emorinken |
| 10-Oct-2024 | V1.3 | Final | Ikechukwu Aghanchi |

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# 1. INTRODUCTION

This document is the System Test Summary Report for: **INTEGRATION TO CRP WITH UNITED CAPITAL PLC.** It describes the scope and approach of carrying out system test on the application prior to release into production environment. It also contains various resources required for the successful completion of this project. The objectives of this document are:

1. To provide a summary of results obtained from the System Testing of the referenced change. This will include, but not limited to features and scope of testing activity, details of any testing exclusions, summary of test activities completed, test results analysis, outstanding defects/issues, evaluation and recommendation.
2. To provide information to those who need to review and authorize the results of the test activity thereby confirming that test activity has been successfully completed and is ready for User Acceptance Testing (UAT).

**Background**

United Capital, a partner of UBA, plans to integrate the Centralized Response Portal (CRP) APIs with their portal. This integration will enable United Capital to securely log requests to various UBA business units. By eliminating the need for email communication, it enhances efficiency and reduces miscommunication risks. The integration aims to streamline processes and improve response times. It also strengthens security by centralizing request management.

This collaboration is expected to benefit both parties, facilitating smoother operations.

**2. OVERVIEW OF ACTIVITIES**

**Test environment:**

System test for **INTEGRATION TO CRP WITH UNITED CAPITAL PLC** will be conducted on test environment available at: Postman <https://swift-test.ubagroup.com:7443/>

1. **Referenced document** for system test activity:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Document Name** | **Date** | **Author** | **Reviewer** | **Version** |
| **RSD/ITCMF\_ INTEGRATION TO CRP WITH UNITED CAPITAL PLC** | 27-May -2024 | Camilla Rimdans | Samuel Babafemi | 1.1 |

1. **Referenced Contacts** for system test activity:

* **Jude Isiuwe (Project Owner):** Area Manager, Corporate Branch, UBA
* **Nwakaego Chijioke (Project Manager):** Project Manager, CIO
* **Camilla Rimdans (Business Analyst):** Chief Information Office, UBA IT
* **Oluwaseun Apata (Developer):** Divisional CIO, Business Process and Automation Management.

**C. Features Tested:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Service Level Requirement (SLR)** | **Test Case** | **ID** | **Cycle 1** | **Cycle 2** |
| **Preconditions:  1.User has successfully launched Postman and enter the below endpoint: https://swift-test.ubagroup.com:7443/** | | | | |
| **TOKEN GENERATION WITH BLANK CREDENTIALS** | Verify that API cannot generate JWT login Token with blank credentials.  [Condition:  i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body iii. User skips providing a username name and password on the login payload **"{ "Username": " " "Password": "** } iv. User clicks on the send button to execute request. v. The system displays "**401 Unauthorized The request is unauthenticated. pass the correct Auth credentials"]** | 001 | PASS | PASS |
| **TOKEN GENERATION WITH INVALID CREDENTIALS** | Verify that API cannot generate JWT login Token with a valid username and blank password.  [Condition:  i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body iii. User provides a valid username and keeps the password field blank on the login payload **"{ "Username": "UCAP", "Password": " " }** iv. User clicks on the send button to execute request. v. The system displays **"401 Unauthorized The request is unauthenticated. pass the correct Auth credentials"]** | 002 | PASS | PASS |
|  | Verify that API can generate JWT login Token with a valid password and blank username.  [Condition: i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body iii. User provides a valid password and keeps the username field blank on the login payload **"{ "Username": "", "Password": "Pz65\*\*\*\*\*jyt "** **}** iv. User clicks on the send button to execute request. v. The system displays "401 Unauthorized The request is unauthenticated. pass the correct Auth credentials"] | 003 | PASS | PASS |
|  | Verify that API cannot generate JWT login Token with an invalid credentials.  [Condition: i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body iii. User passes an invalid username and password into the login request payload **"{ "Username": "12233", "Password": "TEST " }** iv. User clicks on the send button to execute request. v. The system displays **"401 Unauthorized The request is unauthenticated. pass the correct Auth credentials"]** | 004 | PASS | PASS |
|  | Verify that the API is able to generate JWT login Token with valid credentials.  [Condition: i. User selects the POST method from the method drop-down options ii. User enters the request payload in the JSON Request Body iii. User passes a valid username and password into the login request payload **"{ "Username": "UCAP", "Password": "Pz65\*\*\*\*Gjyt "** **}** iv. User clicks on the send button to execute the request. v. The system displays status code 200 ok and the token below: **{  "Token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJqdGkiOiJlZjk3OTM1My0wY2Y3LTRjMTctYjY3MC1iNzhkYTc5YmQ3NTUiLCJ1c2VyaWQiOiJVQ0FQIiwiSVYiOiJXT2VIaVViYVcxVzBSN05wbHBONS9BPT0iLCJLZXkiOiJaT0VmTG12STZKeFlUNkE4UGRZdHU2bzFkUUk0RkRrS29JbEoyM2lWdWtJPSIsImV4cCI6MTcyODM5ODMzNiwiaXNzIjoiaHR0cDovL2xvY2FsaG9zdC8iLCJhdWQiOiJodHRwOi8vbG9jYWxob3N0LyJ9.Vk5DXJ3kmDsRB69fTbzthu7QcFR0y4X4U261mhMPViw",  "Expires In": "-00:09:59.9683003" }** | 005 | PASS | PASS |
|  | Verify that API JWT login Token generate expires after 10 minutes.  [Condition: i. User attempts to log third party request after 11 minutes of Token generation. ii. System displays a status code of 401 Unauthorized with the below response body  **{  "Message": "Authorization has been denied for this request." }]** | 006 | PASS | PASS |
| **THIRD PARTY/UNITED CAPITAL PLC REQUEST ON CRP** | Verify that user cannot log a third party request with blank credentials.  [Condition: i. User selects the POST method from the method drop down options ii User generates encrypted data using blank credentials  iii. User passes request credentials on the third party **request payload {  "encrypted Data":  ""** } iv. System displays a 200 status code with the response body below  **{  "statusCode": "02",  "statusDescription": "Customer Account Number is required...",  "TrackingID": null }]** | 007 | PASS | PASS |
| **Precondition:**  **i. User generates an encrypted data request payload from plain text on AES URL: https://www.devglan.com/online-tools/aes-encryption-decryption;** | | | | |
|  | Verify that user cannot log a third party request with blank account name.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing an account name **{  "encrypted Data":  "" }**  iii. User enters the request payload in the JSON Request Body and clicks on send button  **iv. System displays a 200 status code with the response body below  {  "statusCode": "03",  "statusDescription": "Customer Account Name is required...",  "TrackingID": null }]** | 008 | PASS | PASS |
|  | Verify that user can log a third party request with blank Customer Business Office ID.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing Customer Business Office ID **{  "encrypted Data":  ""**  iii. User enters the request payload in the JSON Request Body and clicks on send button **}** iv. System displays a 200-status code with the response body below  **{  "statusCode": "00",  "statusDescription": "The Job has been SUBMITTED successfully. Tracking ID: 099924100985502",  "TrackingID": "099924100985502" }]** | 009 | FAIL | PASS |
|  | Verify that user can log a third party request with blank Customer CifId.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing Customer CifId {  **"encrypted Data":  "" }**  iii. User enters the request payload in the JSON Request Body and clicks on send button. iv. System displays a 200-status code with the response body below  **{  "statusCode": "00",  "statusDescription": "The Job has been SUBMITTED successfully. Tracking ID: 099924100985502",  "TrackingID": "099924100985502" }]** | 010 | PASS | PASS |
|  | Verify that user cannot log a third party request without providing an initiator   [Condition:  i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing an initiator username on the Added by field {  **"encrypted Data":  "axKxryHsFQ5YOfKZPf0y7S48463CqXaoJnlFeHJaUoAEV5coy+PrAaHZ+puqWuNRgEcZdJheZM605wn9tX4w7gfVIlsBzJx+8z9P+QoUXjTVtVEhOatmQoHrPokfiVAm4DIX2bNE0cZ1/TvYhIVdY34cUfRS+8KtrN35zUB2FSIfN8C10Uff+DnuCj/fkgAb5QcaXZT4S1dkK37Yh7PGSjiYQAXDBxFP3RIdBnEjCwF4m27R711ypEgnzsVbsyZnnPTGk7ak6ImZFueFLxseyuG1QeOb9jTeMpsEqdW9mhlC+Q3dnUOnxlOzqYfG+NcX58IUdFJRIvl670BbYsTC6fPsE2qNuspjRsDQOVAHTeI716aHtvLC8J9jac07MpxVRi/Fe2eInu86qWdvww/MMnXtKxZX6soOIRpiH9PW0MbNAwWZPqL6rcNA9zsNPdJfQcls8pCaM7b1kfWomFmo6Y8Z7WhsJtscgcyffmEcpeM="** }  iii. User enters the request payload in the JSON Request Body and clicks on send button. iv. System displays a 200 status code with the response body below  **{  "statusCode": "07",  "statusDescription": "Initiator Field is Mandatory!",  "TrackingID": null }]** | 011 | PASS | PASS |
|  | Verify that user cannot log a third party request without providing initiator’s Unit ID  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing initiators Unit ID **{  "encrypted Data":  "" }**  iii. User enters the request payload in the JSON Request Body and clicks on send button.  iv. System displays a 200 status code with the response body below  **{  "statusCode": "04",  "statusDescription": "Unit ID is required...",  "TrackingID": null }]** | 012 | PASS | PASS |
|  | Verify that user cannot log a third party request without providing initiator’s Team ID.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing initiator’s Team ID {  "encrypted Data":  **""** }  iii. User enters the request payload in the JSON Request Body and clicks on send button iv. System displays a 200 status code with the response body below  **{  "statusCode": "05",  "statusDescription": "Team ID selection is required...",  "TrackingID": null }]** | 013 | PASS | PASS |
|  | Verify that user cannot log a third party request without providing Category ID.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing User Category ID **{  "encrypted Data":  ""** }  iii. User enters the request payload in the JSON Request Body and clicks on the send button. iv. System displays a 200 status code with the response body below  **{  "statusCode": "06",  "statusDescription": "Request Category ID is required...",  "TrackingID": null }]** | 014 | PASS | PASS |
|  | Verify that user cannot log a third party request without providing initiator's supervisor.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload without providing initiator's supervisor **{  "encrypted Data":  "" }**  iii. User enters the request payload in the JSON Request Body and clicks on the send button. iv. System displays a 200 status code with the response body below  **{  "statusCode": "08",  "statusDescription": "Supervisor Field is Mandatory!",  "TrackingID": null }]** | 015 | PASS | PASS |
|  | Verify that user can log a third party request with a valid credential.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload with all mandatory valid credentials  **{  "encrypted Data":  ""** }  iii. User enters the request payload in the JSON Request Body and clicks on send button. iv. System displays a 200-status code with the response body below  **{  "statusCode": "00",  "statusDescription": "The Job has been SUBMITTED successfully. Tracking ID: 099924100961310",  "TrackingID": "099924100961310" }]** | 016 | PASS | PASS |
|  | Verify that API cannot log a third party request with an unencrypted request payload.   [Condition: i. User selects the POST method from the method drop down options ii. User an Unencrypted request payload with all mandatory valid credentials {  {  "Description": "Kindly generate statements for our account",  "CustomerAccountNumber": "1\*\*\*\*90",  "CustomerAccountName": "\*\*\*\*\*\*\*\*\*\*\*\*\*\*",  "CustomerBusinessOffice": "0\*\*\*9",  "CustomerCifId": "C\*\*\*\*\*\*\*\*\*78",  "AddedBy": "Firstname.\*\*\*\*\*\*@unitedcapital.com",  "UnitId": "1",  "TeamId": "2",  "CategoryId": "3",  "Supervisor": " Firstname\*\*\*\*\*\*\*e@unitedcapital.com ",  "attachment": "Ba\*\*\*\*\*\*tring" }  iii. User enters the request payload in the JSON Request Body and clicks on send button  iv. The system displays a 200 status code with the response body below  **{  "statusCode": "99",  "statusDescription": "Internal Server Error!",  "TrackingID": null }]** | 017 | PASS | PASS |
|  | Verify that user can log a third party request with a valid credential with document upload.  [Condition: i. User selects the POST method from the method drop down options ii. User generates an encrypted request payload with all mandatory valid credentials {  "encrypted Data":  **""** }  iii. User enters the request payload in the JSON Request Body and clicks on send button.  iv. System displays a 200-status code with the response body below  **{  "statusCode": "00",  "statusDescription": "The Job has been SUBMITTED successfully. Tracking ID: 099924100961310",  "TrackingID": "099924100961310" }]** | 018 | PASS | PASS |
| **FETCH REQUEST STATUS** | Verify that the API cannot fetch current request status on CRP portal with blank tracking ID.  [Condition: i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body. - User enters the request payload in the JSON Request Body and skips providing tracking ID as shown below; **{  "Tracking ID": "" }** iii. User clicks on send button iv. System displays a 200-status code with response body below. **{  "crpStatus Feedback": {  "ApprovalStatus": null,  "PendingOn": null,  "DateModified": null,  "Comment": null  },  "statusCode": "09",  "statusDescription": "Request with the supplied TrackingID does not exist!" }]** | 019 | PASS | PASS |
|  | Verify that API cannot fetch current request status on CRP portal with an invalid tracking ID.  [Condition: i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body. - User enters the request payload in the JSON Request Body and inputs an invalid tracking ID as shown below; {  "TrackingID": "00000000000" } iii. User clicks on send button iv. System displays a 200-status code with response body below. **{  "crpStatusFeedback": {  "ApprovalStatus": null,  "PendingOn": null,  "DateModified": null,  "Comment": null  },  "statusCode": "09",  "statusDescription": "Request with the supplied TrackingID does not exist!" }]** | 020 | PASS | PASS |
|  | Verify that API can fetch current request status on CRP portal with a valid tracking ID.  [Condition: i. User selects the POST method from the method drop down options ii. User enters the request payload in the JSON Request Body. - User enters the request payload in the JSON Request Body and inputs a valid tracking ID as shown below; {  "TrackingID": "0999\*\*\*\*\*97608" } iii. User clicks on the send button iv. System displays a 200 status code with response body below **{  "crpStatusFeedback": {  "ApprovalStatus": "Pending",  "PendingOn": "Processor | zainab.oladimeji",  "DateModified": "2024-10-09T10:25:02.06",  "Comment": "Approved on jira"  },  "statusCode": "00",  "statusDescription": "Request Status Available" }]** | 021 | pass | pass |
| **UPLOADED DOCUMENT TRACKING BY REQUEST ID** | Verify that user can fetch uploaded document by tracking ID.  [Condition: i. User selects the GET method from the method drop down options ii User enter the get documents by tracking Id endpoint specifying the tracking ID on the endpoint. iii. User clicks on the send button to execute request iv. System displays the response below.  **{  "Id": 72498,  "JobId": 94841,  "AddedBy": "Firstname.lastname@unitedcapital.com",  "FileDescription": null,  "FileName": "09102024\_bb51cc6b-7916-43b3-8fad-7ea334bba364.jpeg",  "FileData": "",  "DateCreated": "2024-10-09T12:31:36.283"  }]** | 022 | fail | pass |
| **Precondition: i. User is profiled as a processor**  **ii. User lunches the below url:**  <https://swift-test.ubagroup.com:2414/>  **iii. User logs in as processor with valid login credentials** | | | | |
| **PROCESSOR VALIDATION ON CRP.** | Verify that the initiated request flows to the processors request queue.  [Condition:  i. User logs in to the portal with valid CRP login credentials ii. User searches request with the request tracking ID  iii. The system displays the request searched.] | 023 | PASS | PASS |

# 3. VARIANCE

1. **Discrepancies in the Baseline document**

None

1. **Limitations on the test environment**

None

1. **Non-conformance to system test entry criteria**

None

1. **Items made out-of-scope**

None

# 4. ASSESSMENT

1. **Planned and Executed Test Cases**

Test execution was closed out in two test cycles within the following dates – **Start:** 08 -Oct - 2024 **End:** 09 - Oct-2024 (**duration**: 2 days). In cycle 1, 23 test cases were planned for execution; 21 passed and 2 failed.

While in cycle 2, 23 test cases were planned for execution and all passed as at SIT closure.

1. **Active test cases and Scenarios not tested**

None

1. **Test cases ‘Passed with comment’**

None

1. **Open Issues**

None

1. **Source Code Check-in**

The Source code for this application is available at:

<https://gitlab.com/ubainnovate/crp-portall-app>

# 5. TEST EXECUTION RESULTS

The test execution result is as enumerated below:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pass** | **Fail** | **Active** | **Out-of-**  **Scope** | **Passed with**  **Comment** | **Total**  **Executed** | **%pass** | **%complete** |
| **Cycle 1** | 21 | 2 | 0 | 0 | 0 | 23 | 91 | 100 |
| **Cycle 2** | 23 | 0 | 0 | 0 | 0 | 23 | 100 | 100 |

# 6. EVALUATION

# 

Test preparation and execution of **\_ INTEGRATION TO CRP WITH UNITED CAPITAL PLC** was closed out in two cycles. A controlled pilot test is recommended to ensure that the system works as expected before full go-live.

# 7. APPROVALS

|  |  |  |
| --- | --- | --- |
| **DETAILS** | **SIGNATURE** | **DATE** |
| **Name:** Ikechukwu Aghanchi Sydney  **Department:** Quality Management & Testing |  | 09-Oct-2024 |
| **Name:** Oluwaseun Apata  **Team Name:** Digital Efficiency |  | 10-Oct-2024 |