**Test Plan for RetailReward Order validation in Production environment**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Date and time | Version | Approval |
| Test plan | 07/07/2023  Time :7 am  - 1 pm (IST) | v0.10 |  |
|  |  |  |  |

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**Introduction**

RetailReward Order is order placed from RETAILREWARD ORDER in Production environment.

This testing is mainly focused forward flow of reward order and it’s correct integration with upstream and downstream systems.

**Scope**

For RetailReward Order validation in Production, we have decided to consider two products of Partner Provider reward partner.

Reward orders will be placed from RETAILREWARD ORDER.

It is happy path Testing.

Scope of the testing is to validate and monitor Reward Order correctly flows through RETAILREWARD ORDER , Reward and OFS systems.

|  |  |
| --- | --- |
| 1 | No Negative scenario test execution |
| 2 | No Payment by Points |
| 3 | Only Partner provided partner are considered for RetailReward Order |
| 4 | Only Notification type considered for RetailReward Order  1. Token code  2. QR Code |
| 5 | Only RETAILREWARD ORDER is the mode of order placement - no web or mobile |

**Test Strategy (Approach)**

RetailReward Orders are going to placed from RetailReward UI website for decided products.

Order’s forward flow, statuses will be monitored in RetailReward UI.

OFS system logs will be monitored in Splunk.

We will use Postman tool to verify Tokens and Order Detail once order moved to Delivered status.

We will verify confirm order email and notification email received on the email.

**Environmental Needs (Test Environment) and tools**

|  |  |
| --- | --- |
| Device name | INDXXXXXX |
| Processor | AMD Ryzen 5 PRO 5650U with Radeon Graphics        2.30 GHz |
| Installed RAM | 8.00 GB (7.31 GB usable) |
| Device ID | xxxxx-xxx-xxx-xxxx-xxxxx |
| Product ID | xxxxx- xxxxx - xxxxx - xxxxx |
| System type | 64-bit operating system, x64-based processor |
| Pen and touch | No pen or touch input is available for this display |
| Operating system | Windows 10 Enterprise xxxxx. xxxxx |
| Browser | Google Chrome Version 114.0.5735.199 (Official Build) (64-bit) |
| Postman | 5.5.3 |
| Splunk | Web |

Testers has all required access and tools installed on their machine.

**Staffing and Training Needs**

Testers have good hands on RETAILREWARD ORDER UI, OFS system, Postman and Splunk

|  |  |  |
| --- | --- | --- |
| Tester’s Name | Tester 1 | Tester 2 |
| RETAILREWARD ORDER UI | Done | Done |
| RetailRewardOrder | Done | Done |
| Postman | Done | Done |
| Splunk | Done | Done |

**Test Schedule, Estimation and responsibility**

Scheduled Date and time :

|  |  |  |
| --- | --- | --- |
| Date 11/07/2023 | Start time : 7:00 AM (IST) | End time : 13:00 AM (IST) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Activities | Primary Responsibility | Splunk Logs | Postman query |
| 1 | Test Execution | Tester 1 | Dev Team | Tester 1/ Tester 2 |
| 2 | Placing the reward Order | Tester 1 | Dev Team | Tester 1/ Tester 2 |
| 3 | Updating the results | Tester 2 | Dev Team | Tester 1/ Tester 2 |
| 4 | Reporting Defects | Tester 1 | Dev Team | Tester 1/ Tester 2 |
| 5 | Retesting defects | Tester 1 | Dev Team | Tester 1/ Tester 2 |

**Test Deliverables**

1.      High Level RetailReward Order Test plan

2.     Test cases

3.     Test execution result reports

4.     Defect tracking in Jira

**Exit Criteria : Definition of done**

1.      RetailRewardOrder both Orders are successfully delivered

2.     Validating with ONGC on Voucher redemption

3.     Validating with PSV on Refund

4.     Validation with Rewards on Token Status

5.     Validating the Email sent for the partner

6.     QR Code scanned successfully

**Suspension and Resumption Criteria**

There might be some instances during RetailReward Order Test case execution when testing cannot go ahead and needs to be pause for some time.

The cases could be

1.      Connectivity issue

2.     Internal server connectivity issue

3.     Response time

There is buffer of 2 hours is considered for resolving the issue and resume the Test case execution after resolution of the issue.

**Risk and Contingencies**

| Risk | Mitigation |
| --- | --- |
| Technical Error or exception in Upstream and downstream system | Upstream Dev and Downstream team is available during the testing |
| Unplanned leaves | Two testers are available |

**Assumptions**

Application features are deployed and available for testing on time.

**Review and Approvals**

Dev Manager: Approve the test plan

Project Manager: Signs off the RetailReward Order Validation testing

**Testing Quick References**

**RETAILREWARD ORDER Website for Prod Testing**

RETAILREWARD ORDER URl -  https://retailrewards.com

RetailReward card number

Email -  [xxxxxx@gmail.com](mailto:xxxxxx@gmail.com)

**RetailReward Order specific Products**

**Partner Name     Product Code         Product Name                  Values**

PizzaExpress partner       TU-45197-0001       FP Test Product       1.50, £3.00, £4.50, £9.00, £15, £30

TEST partner       TU-45198-0001              Money off Partner Provided Test Product

**Partner Name    Product Code                Product Name                                       Value**

Redbus partner       TU-45194-0002              MP Test Product      £5

Gold Gym partner       TU-45194-0001              FP Test Product       £16

Retail[RewardOrder- Test case Execution Result for RetailReward Orders.xlsx](https://tesco.sharepoint.com/:x:/r/sites/orderfulfilmentteam/Shared%20Documents/OFSV2/Rewards%20OMS%20to%20OFS/OFS%20Integration%20Testing%20detail%20doc/OFS%20Production%20Test%20Order%20Test%20cases/OFS%20-%20Test%20case%20Execution%20for%20Test%20Orders.xlsx?d=wd93c867d42364244b9b24c2bc2ccce44&csf=1&web=1&e=YtevE5)