Test PLAN

Project Name: RedSyn

Prepared by: EnoFlux

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# Overview

As part of the project, ‘RedSyn’ has asked EnoFlux to test few functionalities of ‘https://xyz.in” web application.

This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

# Scope

The scope of the project includes testing the following features of ‘https://xyz.in’ web application.

## Inclusions

* Customers
  + Create Customer
  + Account Summary details
* New Orders
  + Create/Edit Order
  + Verify the details displayed in Account Summary page > Summary tab
  + Verify the order details in Account Summary page > Orders tab
  + Verify the order details in View Details page
* Create and Run a Billing Cycle to generate invoice
  + Create a Billing Cycle
  + Start Manual Billing Run
  + Verify the invoice details before payment
  + Download and email the invoice
* Make Payment
  + Add a payment method
  + Make payment as Client using
    - Credit Card
    - Check
    - Cash
  + Make payment as Customer using
    - Credit Card
  + Verify details in the invoice details, Account Summary Page > Summary and Payments tabs

From our understanding, we believe above functional areas will cover our Functional Testing Scenario.

Functional Testing Scenario will be run against the following test data,

Product: XYZ-SUBSCRIPTION

Plan: Subscription Plan

Charge:

1. One Time Charge
2. Recurring Charge

Price Type:

1. Fixed with Pre-paid

## Test Environments

* Windows 10 + IE 11

## Exclusions

* All the features except that are mentioned under ‘Inclusions’

# Test Strategy

**Functional Testing**

EnoFlux will create and execute the Test Cases for the above feature(s) mentioned in the ‘Inclusions’ for RedSyn’s ‘https://xyz.in’ Web Application.

We’ll apply below listed techniques to test the application:

Functional Testing – Testing each feature (within the scope of pilot) of RedSyn’s ‘https://xyz.in’ web application to identify things the product can do as per expectations.

Flow & Scenario Testing – Apart from testing individual features, flows and scenarios will be created to replicate end user actions with the application.

Usability Testing – Testing the ease with which the user and test whether the application built in user-friendly or not.

# Problem Tracking and Test Tracking Procedures

**Defect Reporting Procedure:**

During the test execution –

* Any deviation from expected behaviour by the application will be noted. If it can’t be reported as a defect, it’d be reported as an observation/issue or posed as a question.
* Any usability issues will also be reported.
* After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
* Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Note:

* Defects will be documented in a word document.
* Test cases will be documented in an excel document.

# Roles/Responsibilities

|  |  |  |
| --- | --- | --- |
| Name | Role | Responsibilities |
| Dhanraj Errum | Test Manager | * Escalations |
| Varun Chinnuru | Test Lead | * Create the Test Plan and get the client signoffs * Interact with the application, create and execute the test cases * Report defects * Coordinate the test execution. Verify validity of the defects being reported. * Submit daily issue updates and summary defect reports to the client. * Attend any meeting with client. |
| Mahesh Mehtha | Senior Test Engineer | * Interact with the application * Create and Execute the Test cases. * Report defects |

# Test Schedule

Following is the test schedule planned for the project –

|  |  |
| --- | --- |
| Task | Time Duration |
| * Creating Test Plan * Test Case Creation (‘Customers and ‘Order Functionality’) | March 18th, 2020 |
| * Test Case Creation (‘Orders’ and ‘Invoices’ functionality) | March 19th, 2020 |
| * Test Case Creation (‘Invoices’ and ‘Payments’ functionality) | March 20th, 2020 |
| * Test Case Execution | March 23rd, 2020 |
| * Test Case Execution * Summary Reports Submission | March 24th, 2020 |

# Test Deliverables

The following are to be delivered to the client:

|  |  |  |  |
| --- | --- | --- | --- |
| Deliverables | Description | Responsible Owner | Target Completion Date |
| Test Plan | Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule | EnoFlux | March 18th, 2020 |
| Functional Test Cases | Test Cases created for the scope defined | EnoFlux | March 20th, 2020 |
| Defect Reports | Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis. | EnoFlux | March 20th, 2020 |
| Summary Reports | Summary Reports –  Bugs by Bug#,  Bugs by Functional Area and  Bugs by Priority | EnoFlux | March 24th, 2020 |

# Pricing

Will be shared by Project Manager separately.