**Test Strategy**

Version -6.5.201

23/06/2021

**Document Control:**

**Document Details:**

|  |  |
| --- | --- |
| Title | Test Strategy document of phonepe |
| Version | 6.5.201 |
| Date | 23/06/2021 |
| File Name | phonepe-Test Strategy |
| File Location | https://drive.google.com/folderview?id=1Cd-CByUsL4U21nYnRNhAOOXDmvOhp40f |
| Contributor | AnuMeha mam |
|  |  |

**Change Control:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Issue Date | Updated on | Version | Details |  |
| 15/02/2017 | 12/07/2021 | 6.5.201 | <Working Draft>, <Reviewed> |  |

**Document Reference:**

|  |  |
| --- | --- |
| Document Name | File Location |
| phonepe-Requirement traceability matrix | https://drive.google.com/folderview?id=1Cd-CByUsL4U21nYnRNhAOOXDmvOhp40f |
| Test case design | https://drive.google.com/folderview?id=1Cd-CByUsL4U21nYnRNhAOOXDmvOhp40f |

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# 1. Scope and overview:

# Creating a new Application which offers money transfer and  provides investments for the people who wants to invest in shares. In scope is Functional testing in that application.

# 2.Time estimation:

# 

|  |  |  |  |
| --- | --- | --- | --- |
| **Tester** | **Module** | **Time** | **Responsibility** |
| Santhosh | Registration, login | 3hrs | Complete Functionality testing of Login |
| Santhosh | Security | 3hrs | Complete Functionality testing of Manage goals |
| Santhosh | Payment option | 3hrs | Complete Functionality testing of Syllabus and Tests |
| Santhosh | Investment | 3hrs | Complete Functionality testing of Payment |

# 3. Test Levels:

# Levels of testing such as integration testing, system testing and user acceptance testing, smoke testing, retesting.

# 

# 4. Test Types:

Functional testing will be performed during Manual Testing. Black box Testing tests each model with all possiblity of inputs and outputs and there result. To check this actual output with expected output.

# 

# 5. Roles and Responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibilities** |
| Project Manger | Anu Meha mam |
| Project Lead | Santhosh Reddy |
| QA | Santhosh Reddy |

# 6. Environment requirements:

# Hardware Requirements

O/S : Windows 10.

Processor : 1 GHz,intel i3.

Ram : 100 Mb.

Hard Disk : 1 Gb

Software Requirements

Browser : Any browser

# 

# 7. Testing tools:

# Not Applicable

# 8. Industry standards to follow:

This section describes the industry standard to produce high quality system that meets or exceeds customer expectations.

* IEEE- Standard for Software Test Documentation-This documentation should be follow during developing high quality software. IEEE series defines an internationally-agreed set of standards for software testing of software testing standards.
* The main purpose of the IEEE series is to provide such guidelines that can be used by any organization when performing any form of software testing. They should follow some documents that documents should provide requirements, specifications, guidelines, or characteristics that can be used consistently to ensure that materials, products, processes, and services are fit for their purpose.

# 9. Test deliverables:

# List of all the test deliverables

1. Before Testing Phase:

* Test plan documents
* Test cases documents
* Test Design specifications

2. During the Testing:

* Test scripts
* Error logs and Execution logs
* Test Data
* Test Traceability Matrix

3. After Testing:

* Test Results/Reports
* Defect Report
* Installation/Test procedures guidelines
* Release notes

# 10. Testing metrics:

# Software testing metrics - Improves the efficiency and effectiveness of a software testing process

Some of these QA metrics examples are:

* Number of tests in a certain time period = Number of tests run/Total time.
* Test design efficiency = Number of tests designed/Total time.
* Test review efficiency = Number of tests reviewed/Total time.
* Number of bugs per test = Total number of defects/Total number of tests.

# 11. Requirement Traceability Matrix:

# Requirement traceability matrix is used to trace the requirements to the tests that are needed to verify whether the requirements are fulfilled.

# 

# 12. Risk and mitigation

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Risk** | **Mitigation Plan** | **Impact** |
| 1. | Business Risk | Login details should not be shared | Financial effect |
| 2. | High competition | Due to other applications we have high compitation | High time and effort may lead to high time complexity & duration |
|  |  |  |  |

# 13. Reporting tool:

# Not Applicable

# 14. Test summary:

# Summary: Application is to transfer money through online.

Step 1: log in to the application with Sign up/Sign in

Step 2: Click on the login details

Step 3: we login to the application, our profile has been visible

Step 4: Search the contact type number .

Step 5: type amount how mush you want to transfer.

Step 6: then give your upi id to transfer money

Step 7: Make payment & save the transaction details.

# 

# 15. Approvals:

The following people are required to approve the Test Strategy

|  |  |
| --- | --- |
| **Approved By Role** | **Approved By Name** |
| Business Team | AnuMeha mam |
| Testing Team | Santhosh Reddy |
| Development Team | Santhosh Reddy |