TEST PLAN

Project Name: Khushi Tours & Travels



Prepared By: Shaik Subhan Vali

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**Introduction**

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Application Under Test(AUT) i.e KushiTravels. This document includes details like scope of the project, objectives,test deliverable, test schedule and resource allocations, test deliverables and reports.to conduct thorough Functional and Usability

AUT : https://kushitravels.com/index.php

**Objectives**

* To perform thorough Functional and Usability Testing on the Application Under Test (AUT).
* To verify compatibility across various browsers.
* To evaluate performance and addressing any issues that may arise.

**Scope**

This test plan covers only Functional testing, Usability Testing and Compatibility testing of the Kushi Travels web application across different browsers.

**Testable features:****(Inclusions)**

* Register
* Login
* Search
* Pick up city
* Pick up location
* Pick up date
* Pick up time
* Drop off time
* Drop off date
* Confirmation summary
* Logout

**Testing Approach:**

* **Testing Types**
* Functional Testing
* Usability Testing
* Compatibility Testing
* **Testing Methodologies**
* Black-box Testing
* Exploratory Testing
* System Testing
* End-to-End Testing
* **Testing Environment**
* QA Environment
* **Operating System**
* Windows 11 and above
* Browsers: Chrome and Firefox

**Roles and Responsibilities:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibilities** |
| Shiva Kumar | Test Manager | * Monitoring project progress. * Management of budget and support resources. * Assess and prioritize project risks/tasks. * Resolve communication issues and conflicts effectively. |
| Subhan shaik | Test Engineer | * Understand customer requirements * Write Test plan, Test scenarios & Test cases * Executing the Test cases. * Bug reporting and summary reporting. |
| Prashant | Test Engineer | * Understand customer requirements * Write Test plan, Test scenarios & Test cases * Executing the Test cases. * Defect tracking and reporting. |
| Kiran | Test Engineer | * Understand customer requirements * Write Test plan, Test scenarios & Test cases * Executing the Test cases.   Defect tracking and reporting. |

**Test Schedule**

## Following is the test schedule planned for the project:

|  |  |
| --- | --- |
| **Task** | **Time Duration** |
| Test Plan creation | 11 June 2024 |
| Test Scenario creation | 11 June 2024 |
| Test case creation | 12 June 2024 |
| Test case Execution | 12 June 2024 |
| Bug Report | 12 June 2024 |
| Summary Report Submission | 12 June 2024 |

**Test Deliverables**

The following are to be delivered to the client:

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverables** | **Description** | **Responsible Owner** | **Target Completion Date** |
| Test Plan | Outlines the testing approach, strategies, and scope for the Amazon web application. | Shaik Subhan Vali | 12 June 2024 |
| Test Scenarios | Test Scenarios created for all mentioned objectives | Shaik Subhan Vali | 12 June 2024 |
| Test Cases | Test Cases created for both functional testing and compatibility testing | Shaik Subhan Vali | 12 June 2024 |
| Bug Reports | Detailed description of the defects identified in different versions of application. | Shaik Subhan Vali | 12 June 2024 |
| Summary Report | Detailed overview of the status of all test cases conducted, along with suggestions for improvement. | Shaik Subhan Vali | 12 June 2024 |

**Entry and Exit Criteria**

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

**Requirement Analysis**

* **Entry Criteria:**

Receives the Requirement documents of the project includes what functions need to be tested and how the software should behave.

* **Exit Criteria:**

Tester should thoroughly explore and understand each requirement listed in the documents.Any doubts or uncertainties regarding the requirements should be addressed and clarified.

**Test Planning**

* **Entry Criteria:**

Testable Requirements derived from the given Requirements documents.Test Plan document includes the Test Strategy, which provides a high-level overview of

how testing will be conducted.

* **Exit Criteria:**

Test Plan is signed-off by the Client.

**Test Designing**

* **Entry Criteria:**

The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client

* **Exit Criteria:**

Test Scenarios and Test Cases prepared, reviewed, and signed-off by Client.

**Test Execution**

* **Entry Criteria:**

Test Scenarios and Test Cases reviewed and approved by the client.Application is ready for further Testing.

* **Exit Criteria:**

Test Case Reports and Defect Reports ready

**Test Closure**

* **Entry Criteria:**

Test Case Reports and Defect Reports are ready

* **Exit Criteria:**

Test Summary Reports, it overviews of the entire testing process

**Tools**

The following are the list of Tools we will be using in this Project:

* X mind map Tool
* Microsoft Excel
* Microsoft Word
* Slack - collaboration

**Risks and Mitigation plans:**

The following are the list of risks possible and the ways to mitigate them:

|  |  |
| --- | --- |
| **Risk** | **Mitigation plans** |
| Lack of knowledge on AUT | Subject Matter Expert will be available to guide understanding of the AUT. |
| No detailed Requirements available | Subject Matter Expert will be available to provide guidance |

**Approvals**

Below are the documents required for Client Approval :

* Test Plan
* Test Scenarios
* Reports

Testing will only continue to the next steps once these approvals are done.

**Mind Map**

