TEST PLAN

Project Name : TransportSimple

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Date: 13-12-2024

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Introduction :

The aim of this document is to give an overview of the testing approach, strategies, and scope for the TransportSimple. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and reports

AUT : https://transportsimple.com/features.html

Objectives :

- To ensure the functionalities of key features such as product.
- Trip Management
- Driver Management
- Vehicle Management
- Customer Management
- Expense Management
- Reports and Analytics
- To confirm compatibility with different browsers.

Scope :

- This test plan covers only functional testing and compatibility testing of the TransportSimple across different browsers

Testable features :

- Register
- Login
- Forgot password
- New user
- Home
- Features
- Logo
- Help
- About Us Resources
- Contact us
- Get started
- Get demo
- Contact us
- Schedule Demo
- Trip Management
- Documentation & Reporting
- Api integration
- Employee Management
- Preventive maintenance
- Get started
- Dashboard
- Calendar
- Report
- Vehicle inspection
- Onboarding
- Job
- Income
- Expenses
- Payments
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Testing Approach:

1. Testing Types

- Functional Testing
- Compatibility Testing

2. **Testing Methodologies**

- Black-box Testing
- White-box Testing
- Regression Testing
- User Acceptance Testing (UAT)
- End to end testing

3. **Testing Environment**

- UAT
- Pre-Prod

4. **Operating System**

- Windows 11 and above
- Browsers: [Chrome and firefox]
- Testing Tools: [Manual,cypress , Postman, microsoft teams , salesforce.]

Roles/Responsibilities:

Name	Role	Responsibilities
Pooja	Test Manager	- Manage budget and resources. - Allocating additional support resources. - Assess and prioritise project risks/tasks. - Monitoring project progress. - Resolve communication issues and conflicts effectively.
Abhishesh	Test Lead	Develop test plans and strategies in alignment

		with project objectives and requirements. ● Assign tasks, set priorities, and provide and support to team members. ● Review test results and provide feedback to team members. ● Monitor and manage risks throughout the testing life cycle
Geethika	Test Engineer	● Understand customer requirements. ● Write Test scenarios & Test cases. ● Executing the Test cases. ● Performing root cause analysis to identify underlying issues. ● Defect tracking and reporting.
Vaishnavi	Test Engineer	● Understand customer requirements. ● Configuring and Setting Up test environment. ● Management of Automation tools. ● Executing Regression Test cases. ● File Closure activity.
Anil	Test Engineer	● Understand areas for regression testing feasibility. ● Responsible for writing automation scripts. ● Conducts Smoke, Functional, Integration, System. ● Collaboration with on shore subject matter experts.

Test Schedule :

Following is the test schedule planned for the project:

Task	Time Duration
Test plan creation	13 Dec 2024
Test Scenario creation	13 Dec 2024
Test case creation	13 Dec 2024
Test case Execution	14 Dec 2024
Summary Report Submission	14 Dec 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 TransportSimple	Masai	14 Dec 2024
Test case	Test Cases created for both functional testing and compatibility testing.	Masai	14 Dec 2024
Defect Report	Detailed description of the defects identified in different versions of application .	Masai	14 Dec 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:**

Once the testing team receives the Requirements documents and use documents of the project.Includes what functions needs to be tested and how the software should behave.

- **Exit Criteria:**

The testing team should thoroughly explore and understand each requirement listed in the documents.Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

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 (TransportSimple)

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 Documents are prepared, they need to be reviewed and signed-off by the Client.

Test Execution

- **Entry Criteria:**

Test Scenarios and Test Cases document needs to be reviewed and approved by the client and documents are signed-off by the Client.Application is ready for further Testing.

- **Exit Criteria:**

Test Case Reports, Defect Reports are ready

Test Closure

- **Entry Criteria:**

Test Case Reports, Defect Reports are ready

- **Exit Criteria:**

Test Summary Reports, it overviews the entire testing process.

Tools :

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

- X mind map Tool
- Postman Project management tool
- Salesforce cloud - CRM tool
- cypress Test Management
- Microsoft Teams - collaboration
- Manual Testing

Risks and Mitigation plans:

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

Risk	Mitigation plans
Lack of Automation Testers	Backup Resource Planning
No detailed Requirements available	Subject matter experts available for deep understanding of functionalities .

Approvals

Masai will send different types of documents for Client Approval like below:

- Test Plan
- Test Scenarios
- Reports

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