Test Plan: Travel Buddy

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**Introduction**:

This document outlines the test plan for the Travel Company web application that allows users to search for destinations, create itineraries, book accommodation, and activities.

**Objective**

The objective of the testing is to ensure the web application functions according to business requirements, is user-friendly, and performs well across all supported browsers and devices.

**Scope**:

The scope of testing includes which features to be tested and features not to be tested.

**Features to be Tested**:

Search destination, users to create, edit, and manage their travel itineraries, Adding activities, accommodations, and transportation options. Saving traveller information in user profile menu. User management, Payment system, Notification for SMS, emails and upcoming features also we need to tested after implemented.

We have to test integration features like Weather Forecast and Currency converter.

**Features to be Tested:**

Internal API integration not exposed to end users.

**Test Environment:**

Browsers: Latest versions of Chrome, Firefox, Edge, and Safari.

Testing will be done on a range of devices such as desktops, and smartphones.

Operating Systems are Windows, Android, Ios

**Testing Approaches:** Different types of testing approaches to be followed for this project

1. Functional Testing
2. Regression Testing
3. Performance Testing
4. Security Testing

**Action items:**

Test cases preparation: QA has to complete their test cases before timeline.

Automation test script preparation: Automation team to complete test scripts before timeline

**Timeline** **for** **Implementation:**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Plan review | Test manager | September 1 | September 5 |
| Test case design | QA Engineer | September 10 | September 25 |
| Test Execution (Functional) | QA Engineer | October 1 | October 10 |
| UAT | Business user | October 15 | October 20 |

**Test Deliverables:**

Test cases (manual and automated).

Test results and defect reports

Final test summary report.