Software Test Plan - STP
"Travel Maker"

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Version Control

CURRENT VERSION

Title	Software Test Plan - STP
File	Travel Maker
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1 Document Overview

1.1 Introduction

This document serves as the Software Test Plan for Travel Maker

The purpose of this STP is to define the framework and Strategy for the testing of Travel Maker App.

Our objective is to validate the High Quality of Travel Maker App.

I will verify Travel Maker App behaves as expected by testing its features and functionality.

1.2 Objectives

At a high level the primary objectives of this Software Test Plan for Travel Maker are as follows:

✓ **Ensure Product Quality:**

To uphold the high standards of quality for which Travel Maker is known, verifying that all features work as intended and meet user and business requirements.

✓**Support Business Goals:**

To ensure that the testing process aligns with the overarching business objectives, contributing to the sustained success and growth of Travel Maker

2 Scope of testing

2.1 Features to be tested

Here you'll state all the Modules Features you plan to test.

- Weather
- Futures dates
- Favourites
- Different Destinations
- Elements
- Maps
- Search A place
- Show Weather
- Custom Place
- Google maps link
- Zoom in
- GUI
- Attractions
- Search Activities
- Hotels
- Night life
- Transport
- Banks
- Food
- Museums
- Historic
- Cultural
- Nature
- Radius
- Logs
- Trash option
- Info option

2.2 Features not to be tested

NONE

2.3 Testing Types

Outlined below are the test types that will be planned and performed during this project:

- **Functionality Verification:**

  To ensure all features of Travel Maker, such as query input, search execution, Filters, and tabs, operate as intended across various platforms and devices.

- **Usability Assessment:**

  To evaluate the user interface for intuitiveness, ease of use, and accessibility.
  This includes ensuring the search page is easily navigable and that the interface elements are responsive to user interactions.

- **Localization and Internationalization Verification:**

  To ensure that Travel Maker provides accurate results and a user-friendly experience in different languages and regions.

- **Search Result Accuracy:**

  To validate the relevancy and accuracy of search results provided by the search algorithms.
  This includes testing the effectiveness of filters and the ranking of search results.

- **Smoke Testing**

1. **Open Google Store App: **
   - Google Store App opens without errors.

2. Click on Search Bar
   - Search bar is clickable and allows input without errors.

3. Type "Travel Maker"
   - Search bar allows typing "Travel Maker" without errors.

4. Press Enter:
   - Search results are displayed without errors.

5. Tap on the App Icon:
   - Intended app appears for installation without errors.

6. Click on "Install"
   - 'Install' button appears and initiates download without errors.

7. Click Open:

- "Open" button is clickable and directs to the app without errors.

8. Click on "Give Permissions"
   - Pop-up appears asking for permissions.

9. Click "Allow"
   - "Allow" button is clickable and directs to the app home screen.

10. Verify Weather in Location Associated with Phone Location:
    - Home screen shows weather associated with phone location without errors.

- ### **User Interface Testing**

   Checking that all the visual elements are displayed properly and in a way that is pleasant to the user

2.4 Test Strategy and Approach

Our test approach is systematic and structured to ensure thorough and efficient validation of each build received from the Development team.

The following outlines our planned testing progression for each release cycle:

Initial Build Assessment with Smoke Testing:

Upon receipt of a new build, the Quality Assurance (QA) team will execute a Smoke Testing Suite.
This suite is designed to quickly check the stability of the build and ensure that the core functionalities of Google Search are operating as expected.

Only after a build passes the smoke test will it move forward in the testing process.

Focused Testing on New Features and Bug Fixes with Sanity Testing:

After the build has passed the Smoke Testing phase, the QA team will proceed to Sanity Testing.
This phase is targeted at the new features and bug fixes included in the release.

The objective is to ensure that specific updates are functioning correctly in the application without any immediate issues.

Comprehensive Regression Testing:

Following the Sanity Testing phase,
This is critical to ensure that new code changes have not adversely affected existing functionalities of Travel Maker.

The Regression Testing will be extensive and is designed to cover all areas of the application that could potentially be impacted by the changes.

Incorporation of Exploratory Testing:

Parallel to the structured testing phases, I allocate approximately 100% of the total testing effort during the execution phase for Exploratory Testing.

This approach allows testers to go beyond predefined test cases and scenarios, using their insights and experience to uncover issues that may not have been anticipated in the test planning stages.

Iterative Feedback and Continuous Integration:

following this approach, the QA team contributes to the delivery of a stable, high-quality product that meets the rigorous standards expected of Travel Maker.

3 Planed Smoke Test for Travel Maker

The following section will contain specific test cases (positive\negative\boundary) per module.

3.1 Test objectives

To guarantee that the new build is ready for comprehensive testing.

#	Step	Expected Result	Actual Result
1.	Open Google Store App:	Google Store App opens without errors	Works As expected
2.	Click on Search Bar	Search bar is clickable and allows input without errors	Works As expected
3.	Type "Travel Maker"	Search bar allows typing "Travel Maker" without errors.	Works As expected
4.	Press Enter	Search results are displayed without errors.	Works As expected
5.	Tap on the App Icon	Intended app appears for installation without errors.	Works As expected
6.	Click on "Install"	'Install' button appears and initiates download without errors.	Works As expected
7.	Click Open	"Open" button is clickable and directs to the app without errors.	Works As expected
	Click on "Give Permissions"	Pop-up appears asking for permissions.	Works As expected
	Click "Allow"	"Allow" button is clickable and directs to the app home screen.	Works As expected
	Verify Weather in Location Associated with Phone Location	Home screen shows weather associated with phone location without errors.	Works As expected