



TEST PLAN

Project Name : Kazam EV

URL Link : [Click Here](#)

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End Date: Jan 24, 2025

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Introduction

This document outlines the testing strategies and scope for the Kazam EV Charging Application. Testing will ensure proper functionality, UI/UX, compatibility, and performance for key features such as navigation, search, and user profile management.

PROJECT LINK: [Kazam EV Charging App](#)

Objectives

- Ensure all navbar links work as intended.
- Verify the functionality of key features [Charging Station Search, Charging Session Management, Payment and Billing, User Account Management, Real Time Station Details, Footer menus (Home, Bookings, Scan QR, Wallet, Profile) etc.]
- Ensure responsiveness across different devices.

Scope

The test plan covers **functional, UI/UX, Performance, Compatibility, and Usability testing** across major devices (Android & IOS). It includes manual testing of core features to ensure user experience consistency and usability.

Testable Features

- **Footer Menus:** Links like "Home" , "Bookings" , "Scan QR" , "Wallet" , "Profile" etc.
- **Search Bar:** Product search functionality.

- **Profile Section:** Login/Signup, account management, Activity, Actions, Resources, Policies.
- **Wallet Process:** Wallet Balance, payment gateway, Transaction, Support.
- **Home Page:** Images, Texts, Button
- **Search Filter Feature:** Plugs types, Distance, Timings.
- **Footer Links:** Testing links like "Contact Us," "Privacy Policy," etc.
- **Homepage Images:** Ensure proper display and responsiveness.

Testing Approach

Testing Types:

- **Functional Testing:** Verify that each feature performs as expected (e.g., Home, Booking, successful login, Search, Wallet, Profile, Scan QR).
- **UI/UX Testing:** Ensure the Application is visually appealing, intuitive, and user-friendly.
- **Compatibility Testing:** Test on various devices (tablet, mobile).

Testing Methodologies:

- **Exploratory Testing**
- **Regression Testing**
- **User Acceptance Testing (UAT)**
- **White Box**

Roles/Responsibilities

Test Manager: Oversee the test process and manage resources.

Test Lead: Define strategies, assign tasks, and review test results.

Test Engineer: Write test cases, execute tests, report defects.

Test Schedule

Task	Duration
Test Plan Creation & Mind Map	21 Jan 2025
Test Scenario	22 Jan 2025
Test Cases & Execution	23 Jan 2025
Bug Reporting	23 Jan 2025
Test Summary / Presentation Report Submission	24 Jan 2025

Test Deliverables

Deliverable	Description
RTM	Detailed Requirement strategy and Feature.
Mind Map & Test Plan	Detailed testing strategy and scope
Test Cases	Detailed cases for functional/UI testing
Defect Reports	Identified bugs during testing
Test Summary	Detail summarise what you have done in whole Testing

Entry & Exit Criteria

Entry Criteria:

- Access to the Kazam EV with all features enabled.
- Test cases reviewed and ready for execution.

Exit Criteria:

- All critical bugs are fixed, and all key functionalities meet expectations.

Tools

Device Stack: For cross-browser and device testing.

Google Sheets: For managing test cases and defect reports.

Selenium: For automating functional tests (if applicable).

Risks and Mitigation Plans

Deliverable	Description
Unstable Application	Plan testing during stable hours.
Undefined requirements	Clarify requirements before testing.

Approvals

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

- **RTM**
- **Test Plan**
- **Test Scenarios**
- **Reports**

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