| **TEST\_PLAN**    Project Name : Kazam EV Tech  URL Link : [India's Largest Electric Vehicle Charging Station Network](https://www.kazam.in/) |
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| **Prepared By**: Anil Rajak    **Start Date:** January 18, 2025    **End Date:** January 18, 2025 |
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| **Introduction** |
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This document outlines the testing strategies and scope for the **Kazam EV Tech**. Testing ensures proper functionality, UI/UX, compatibility, and performance for key features such as registration, login, Home page, and Booking,Wallet,search bar.

● Website Link: [India's Largest Electric Vehicle Charging Station Network](https://www.kazam.in/)

| **Objectives** |
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● Ensure all navigation links and features work as intended.

● Verify functionality of critical features (Registration, Login, Home page,Booking,Scan QR,Wallet,Profile,search bar, etc.).

● Ensure responsiveness across browsers and devices.

● Validate Manual Test scenarios implemented Test Cases

| **Scope** |
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The test plan covers **functional, UI/UX,** and **Usability** testing across major browsers (Chrome,) and devices (mobile). It includes manual testing of core features to ensure user experience consistency and reliability and manual testing performed for Non-functional testing.

| **Testable Features** |
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● **Registration & Login**: Creating accounts and authenticating users.

● **Booking**: Testing the product Booking functionality.

● **Profile Management**: User profile updates and preferences.

● **Wallet** : Adding Balance from the Wallet.

● **Checkout**: Completing purchases and payment gateway integration.

● **Wishlist**: Adding products to the wishlist.

● **Product Categories**: Testing navigation and product display for categories like Books, Electronics, Jewelry, etc.

● **Footer Links**: Testing links like " Kazam Support Us," and "Razorpay support .

● **Responsive Design**: Verifying UI elements on different screen sizes and devices.

| **Testing Approach** |
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**Testing Types**:

● **Functional Testing**: Verify that features (e.g., registration) perform as expected.

● **UI/UX Testing**: Ensure the website is visually appealing, intuitive, and user-friendly.

● **Compatibility Testing**: Test across devices ( tablet, mobile).

● **Performance Testing**: Measure page load times and responsiveness for critical features.

**Testing Methodologies:**

● **Exploratory Testing:** Testing beyond documented scenarios.

● **Regression Testing:** Validating existing features after bug fixes or new feature additions.

● **Black Box Testing:** Testing without knowledge of internal implementation.

| **Roles/Responsibilities** |
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As the sole tester for this project, I was responsible for:

● Creating a comprehensive **Test Plan** to outline objectives, scope, and strategies.

● Manual test cases approach.

● Conducting manual and exploratory testing to ensure functional, UI/UX, and compatibility quality.

● Identifying and analysing bugs through thorough testing and documenting insights.

● Compiling a **Test Results Summary** to highlight testing outcomes and application quality.

| **Test Schedule** |
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| **Task** | **Duration** |
| --- | --- |
| Test Plan Creation & Mind Map | 18 January 2025 |
| Test Scenario | 18 January 2025 |
| Test Scripts & Execution | 18 January- 19 January 2025 |
| Manual Test cases & Bug Reporting | 19 January |
| Test Summary / Presentation Report Submission | 19 January - 20 January 2025 |

| **Test Deliverables** |
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| **Deliverable** | **Description** |
| --- | --- |
| RTM | Detailed Requirement strategy and Feature. |
| Mind Map & Test Plan | Detailed testing strategy and scope |
| Manual 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** |
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**Entry Criteria**:

● Access to the Kazam EV Tech App.

● All features available and functional.

● Approved scenarios and manual scripts ready for execution.

**Exit Criteria**:

● All critical and high-priority bugs fixed.

● All features meet the expected behaviour defined in scenarios.

| **Tools** |
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1. **BrowserStack**: For cross-browser and device compatibility testing.

2. **Google Sheet**: For Manual Testing to be non-functional.

3. **Google Docs**: For creating Test Plan and Test Summary.

| **Risks and Mitigation Plans** |
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| **Deliverable** | **Description** |
| --- | --- |
| Unstable website | Plan testing during stable hours. |
| Undefined requirements | Clarify requirements before testing. |

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

● **Test Plan**

● **Scenarios**

● **Scripts**

●  **Reports**

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