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| **TEST\_PLAN**  Project Name : Kazam EV  URL Link : [Click Here](https://play.google.com/store/apps/details?id=com.kazam.ev&hl=en) |

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| **Prepared By**: Shivendra Singh  **Start Date:** Jan 21, 2025  **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](https://play.google.com/store/apps/details?id=com.kazam.ev&hl=en)

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| **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.

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| **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.

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| **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.

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| **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**

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| **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.

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| **Test Schedule** |

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| **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 |

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| **Test Deliverables** |

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| **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 |

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| **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.

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| **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).

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| **Risks and Mitigation Plans** |

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

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| **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.