

# Test Plan – Janitri Login Page



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**Start Date:** 1/08/ 2025

**End Date:** 03/08/ 2025

## **1. Introduction**

This test plan outlines the testing strategy for validating the login functionality of the Janitri Dashboard. It focuses on the correctness, usability, boundary values, error messaging, UI consistency, and security of the ID and password input fields.

## **2. Objectives**

- Ensure the login functionality works as expected for valid and invalid credentials.
- Verify boundary conditions for email and password fields.
- Validate UI feedback, such as placeholder, focus, hover, and error messages.
- Confirm correct error handling for all possible edge cases.
- Check the login button's behavior, page redirection, and performance.

## **3. Scope**

### **In-Scope:**

- ID & Password input field behavior
- Login button state and transitions
- Error messages (required, invalid input, etc.)
- Password visibility toggle
- "Forgot Password" link
- Focus/hover styles
- Boundary conditions and usability

**Out-of-Scope:**

- Backend API validation
- OTP or multi-factor authentication
- Dashboard functionalities after login

**4. Testable Features**

- ID and Password fields
- Login Button
- Forgot Password link
- Error message rendering
- Field focus, hover, and placeholder behavior
- Password toggle visibility icon
- Alignment and responsiveness

**5. Testing Approach**

- **Manual Testing and Automation** for all UI, boundary, and validation checks
- Browser-based testing on latest Chrome, Firefox
- Testing on desktop and mobile view (Responsive design)
- Testing with both valid and invalid user credentials

## 6. Roles and Responsibilities

Role	Responsibility
QA Engineer	Writing and executing test cases
QA Lead	Reviewing test plan and results
Developer	Fixing issues found during testing
Product Manager	Approving final test outcomes

## 7. Test Schedule

Phase	Start Date	End Date
Test Planning	01-Aug	03-Aug
Test Case Preparation	01-Aug	02-Aug
Test Execution	02-Aug	03-Aug
Bug Reporting	03-Aug	03-Aug
Final Review	03-Aug	03-Aug

## 8. Test Deliverables

- Test Plan Document (this file)
- Detailed Test Case Sheet
- Bug Reports with screenshots.
- Final Test Summary Report

## 9. Entry and Exit Criteria

**Entry Criteria:**

- Login page is deployed and accessible at <https://dev-dash.janitri.in>

**Exit Criteria:**

- All test cases are executed
- All high/critical bugs are verified

**10. Tools**

- **Browser:** Chrome, Firefox (latest versions)
- **Bug Tracking:** GitHub Issues or JIRA
- **Documentation:** Google Sheets/Docs
- **DevTools:** Chrome Developer Tools for responsiveness check
  
- **Automation :**
  - Selenium
  - Test NG
  - POM

## 11. Risks and Mitigation

Risk	Mitigation
Backend API returns delayed response	Use mock login success/failure scenarios
UI changes during testing	Sync regularly with developers for updates
Inconsistent error messages	Log and verify all message formats clearly

## 12. Approvals

Name	Role	Approval Status
Mohammad Adnan	QA Engineer	Done
Abhay Pratab	QA Lead	Done