

Software QA Intern – Project Experience

Role: Software QA Intern

Duration: 3 Months

Domain: Medha / School ERP

Application Type: Web & Mobile (Android / iOS)

Project Overview

School Management System (SMS) is a comprehensive ERP solution designed to manage academic, administrative, and financial operations of a school. The system supports students, teachers, parents, and administrative staff through web and mobile platforms.

Modules Tested (Web Application)

- 1 Support
- 2 Front Desk
- 3 Admission
- 4 Notice & Announcements
- 5 Staff Management
- 6 Student Management
- 7 Fee Management
- 8 Transport
- 9 Examination
- 10 Inventory
- 11 Reports
- 12 Settings
- 13 HRM
- 14 Accounts
- 15 LMS
- 16 Logs & Activity

Mobile Application Testing

- Student Portal
- Teacher Portal
- Parent Portal

Mobile Testing Scope

- 1 Login & authentication
- 2 Session handling and logout behavior
- 3 Dashboard navigation
- 4 Data visibility consistency with web system
- 5 Usability and UI validation
- 6 Role-based access (Student / Teacher / Parent)

Testing Responsibilities

- 1 Designed and executed manual test cases and test scenarios
- 2 Performed functional, regression, smoke, and UI testing

- 3 Conducted end-to-end testing across interconnected modules
- 4 Identified defects related to validation, workflow, session, and data synchronization
- 5 Logged bugs with clear reproduction steps, severity, and priority
- 6 Performed re-testing and regression testing after fixes
- 7 Coordinated with developers to verify defect resolution

Tools & Technologies

- 1 Manual Testing
- 2 Web & Mobile Testing
- 3 Test Case Design
- 4 Bug Reporting
- 5 Chrome DevTools
- 6 Android Testing

Key Contributions

- 1 Validated critical school workflows such as Admission → Student Creation → Fee Assignment → Examination & Result
- 2 Detected session-related issues in mobile applications for students, teachers, and parents
- 3 Ensured data consistency between web ERP and mobile applications
- 4 Strengthened overall system reliability through comprehensive module coverage