

Technical Assessment Report: FOTAN Schools Management System

Prepared for: FOTAN Schools Administration

1. Introduction

This report outlines the findings from the initial review and testing of the FOTAN Schools Management System. The system was developed previously by another team, and the current task was to configure and evaluate its functionality before proceeding with further modifications.

2. System Overview

The FOTAN Schools Management System is intended to handle administrative tasks such as:

- Student & staff management
- Fee tracking and analytics
- Performance monitoring of school branches

However, after a thorough review, it has been determined that the system is non-functional in its current state.

3. Key Findings

3.1. Authentication & User Flow Issues

- No Public Landing Page: The system defaults to a login page (/auth/login), with no option for guest access or registration.
- Missing Signup Functionality: There is no way to create new accounts, making the system inaccessible without manual database intervention.
- Login Bypass Required: To explore further, authentication had to be bypassed using dummy tokens in local storage.

3.2. Incomplete & Non-Functional UI

Welcome Page (/welcome)

- Displays only a static message:
- "Thank you for joining our portal. We are excited to have you as part of our community."
- No navigation links, buttons, or interactive elements.

Analytics Dashboard (/dashboards/analytics)

Student & Staff Analytics

- Gender distribution (Males/Females) displayed with placeholder checkboxes.

- No real-time or database-driven data.

Fee Analytics

- Hardcoded values (e.g., '56% Paid Fee,' 'Lahore: Rs. 5,000,000').
- Dropdown filters (Month/Year) exist but do not function.

Branch Performance

- Lists 'Top Performing Branch' with static earnings data.
- No dynamic updates or backend integration.

3.3. Frontend Concerns

- Poor UI/UX: Unprofessional design with inconsistent styling.
- No Navigational Structure: Users cannot move between sections naturally.
- No sidebar, header links, or breadcrumbs.
- Hardcoded Data: All charts, tables, and statistics use fixed values instead of real-time data.

3.4. Backend & API Uncertainty

- API Structure Exists but Integration is Missing, Some API routes may be defined, but the frontend does not fetch real data.
- No visible error handling or loading states
- No Database Connectivity Confirmed: All displayed information appears to be hardcoded, suggesting no live database interaction.

4. Critical Observations

- The system is not operational in any practical sense.
- Frontend is a shell with no real functionality—only static text and dummy charts.
- Backend may exist but is not properly connected to the frontend.
- No real-world usability in its current state.

5. Conclusion & Next Steps

5.1. Conclusion

The FOTAN Schools Management System, as it stands, is unusable for production. The frontend lacks essential functionality, the backend integration is unclear, and the entire system appears to be an incomplete prototype rather than a deployable solution.

Below are the only pages I could explore; the rest were inaccessible. This highlights the severely deficient state of the project's UI and navigation structure.







