School Management App User Flows

A Comprehensive Guide to Role-Based Functionality

Prepared for: App Development Team

Date: May 26, 2025

Created by: Ayush Shandilya

Contents

1 Introduction

This document outlines the user flows for a school management mobile application designed to streamline operations for School Admins, Teachers, Students, and Parents. The app begins with a role selection screen, followed by authentication, and leads to role-specific dashboards with tailored features. Each role's functionality is detailed below to ensure a seamless and intuitive user experience.

2 General App Flow

- **Role Selection Screen**: Users select their role (School Admin, Teacher, Student, Parent) upon launching the app.
- **Authentication Screen**: Users log in or sign up using email/password, OTP, or social login. Includes forgot password functionality.
- **Dashboard**: Role-specific dashboards with intuitive navigation, notifications, and quick access to key features.

3 School Admin User Flow

The School Admin has comprehensive control over school operations. The dashboard provides access to the following features:

- **Class Management**:
  - Create, edit, or delete classes.
  - Assign class teachers and subjects.
  - View class performance analytics (e.g., average grades, attendance).
- **Teacher Management**:
  - Add or remove teachers.
  - Manage teacher profiles (e.g., contact details, qualifications).
  - Assign roles (e.g., class teacher, subject teacher).
  - Track teacher performance metrics.
- **Student Management**:
  - Enroll or remove students.
  - Manage student profiles (e.g., contact details, parent info).
  - Track academic progress and generate reports.
- **Event Management**:
  - Create, edit, or cancel school events (e.g., sports day, parent-teacher meetings).

– Send event-specific notifications to relevant users.

- **Academic Calendar**:
    - Design and publish the annual academic calendar.
    - Include holidays, exams, and events.
    - Share with teachers, students, and parents.
- **Fee Collection**:
    - Manage fee structures and track payments.
    - Send payment reminders and generate receipts.
- **Notifications**:
    - Send individual, group, or bulk notifications (e.g., to all students, parents, or teachers).
    - Customize notification content and schedule delivery.
- **Schedule Management**:
    - Assign teachers to classes and subjects.
    - Create period-wise timetables.
    - Share schedules with teachers and students.
- **Analytics Dashboard**:
    - View school-wide performance metrics (e.g., attendance trends, academic results).
    - Generate reports for stakeholders.

4   Teacher User Flow

Teachers manage academic and administrative tasks for their assigned classes and subjects. The dashboard includes:

- **Homework/Assignment Management**:
    - Create and assign homework or projects.
    - Set deadlines and track submissions.
    - Provide feedback on submitted assignments.
- **Attendance Management**:
    - Mark and track student attendance for classes.
    - Generate attendance reports for admin or parents.
- **Subject Grading**:
    - Input and manage grades for assigned subjects.

– Provide detailed feedback on student performance.

- **Notifications**:
  – Receive notifications from admin (e.g., schedule changes, events).
  – Send subject-specific notifications to students or parents.

- **Lesson Planning**:
  – Outline weekly teaching goals and resources.
  – Share lesson plans with admin for review.

5   Student User Flow

Students access academic resources and manage their tasks through the dashboard:

- **View Schedule**:
  – Access daily or weekly class schedules.
  – View academic calendar with exams and events.

- **Grades**:
  – View subject-wise grades and teacher feedback.
  – Track academic progress over time.

- **Homework/Assignments**:
  – View assigned tasks and deadlines.
  – Submit assignments and track submission status.

- **Forms and Requests**:
  – Submit forms (e.g., leave requests, event participation).
  – View status of submitted requests.

- **Resource Library**:
  – Access study materials, past assignments, or reference documents.
  – Download resources shared by teachers.

6   Parent User Flow

Parents monitor their child's academic progress and school-related activities through a dedicated dashboard:

- **Performance Reports**:
  – View detailed subject-wise grades and teacher feedback.
  – Access historical performance trends (e.g., semester-wise reports).

- **Attendance Reports**:
    - Monitor daily or monthly attendance records.
    - Receive alerts for frequent absences or tardiness.
- **Fee Management**:
    - View fee structure, payment status, and due dates.
    - Make online payments and download receipts.
- **Notifications**:
    - Receive real-time updates on events, fees, and student performance.
    - Customize notification preferences (e.g., email, push notifications).
    - View school-wide or class-specific announcements.
- **Communication Portal**:
    - Send messages to teachers or admin regarding their child.
    - Receive responses and track communication history.
- **Parent-Teacher Meeting Scheduler**:
    - Book slots for parent-teacher meetings based on teacher availability.
    - Receive reminders for scheduled meetings.
- **Student Progress Comparison**:
    - Compare student's performance with anonymized class averages.
    - View insights on relative academic standing.

7 Conclusion

The school management app provides a streamlined, role-based experience for School Admins, Teachers, Students, and Parents. Each role has a tailored dashboard with features designed to enhance school operations, academic management, and communication. This document serves as a blueprint for developers and stakeholders to understand the app's functionality and user flows.