# Smart Semester Tracking and Academic Management System for Educators

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**Abstract**: *The Semester Tracking App is a brilliant academic management tool designed specifically for schools and other educational institutions to organize classroom management and facilitate teacher-student communication. Made available for teacher use only, the app includes major features such as secure user authentication, advanced student profiling, class and assignment management, live messaging, resource sharing, and automated alerts. Teachers can use in-app and email reminders to keep students informed about schedules, submissions, and academic events. The app further provides for custom grading and feedback systems, thereby improving the scholastic experience. The three modules can be combined and consolidated in one comprehensive system through which the app enables easier monitoring by semesters, efficient communication, and effective management of learning processes.*

**Keywords**: Semester tracking, mobile application, student management system, academic scheduling, assignment tracking, feedback system, JWT authentication, educational technology, teacher dashboard, real-time notification, secure login, exam management, resource sharing, classroom communication

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