

## Activities Supported in Your Student Management System

### Student Activities

- View and update personal profile (via /user-info/:email patch route)
- View enrolled courses and course details (e.g., /student-full-details/:email)
- View and submit assignments (/assignments/:email, /assignment-submission)
- View attendance records (/student-assignment/:email, /attendance-report/:courseId)
- Apply for leaves (/leave-application)
- View their leave requests (/student-leave/request/:email)
- View grades and results (/student-result/:email)
- Enroll in courses themselves (/enroll-course)
- Make payments and view payment history (/create-payment-intent, /payments/:email)
- View notifications related to grades, assignments, fees (/student-notifications)
- Download materials (not explicit in your code but materials are fetched by email/department)
- View weekly routines (/student/routine/:email)
- Send messages to faculty/admin and receive messages (/send-message, /messages/:email)
- Download their student ID card securely (new feature)

### Faculty Activities

- Add new faculty profile (Admin only, /add-faculty)
- View and update their own profile (/user-info/:email patch)
- View assigned courses (/faculty-assign/courses/:email)
- Upload course materials (/upload-file)
- Upload assignments for courses they teach (/upload-assignment)
- View assignments submitted by students (/assignment-submissions/:assignmentId)
- Mark attendance for assigned courses (/mark-attendance)

- View student leave requests for their courses (/faculty-leaves)
- Approve or decline leave requests (/update-leave-status/:id)
- Submit and update student grades (/student-grades/upsert)
- Receive notifications for new courses assigned, leave requests, student enrollments, etc.  
(/faculties-notifications/:facultyEmail)
- View weekly routines involving their assigned courses (/get-weekly/routine/:email)
- Send and receive messages with students/admin (/send-message, /messages/:email)
- Download or view uploaded materials and assignments

#### Admin Activities (Related to Student & Faculty)

- Manage all users (students, faculty, admins) (/users, /all-users, /delete-user/:id, /update/user-role/:id)
- Generate reports or get user states (/user-state)
- Add courses and assign to faculties (/add-courses)
- Manage weekly routines (/add/weekly-routine, /delete/weekly-routine/:id)
- View all students, faculties, and related details
- View all notifications including payments, leave requests
- Access any data for auditing and management
- Issue JWT tokens and manage sessions