Functional Requirements

Features provided in the application

Dashboard
1. Login

For admin
1. Register, view, edit, delete teachers
2. Change password

For teacher
1. Register, view, edit, delete students
2. Change password
3. Upload course materials
4. Upload/View scores
5. Upload/View attendance
6. View/enter feedback
7. View student certificate

For students
1. Change password
2. View course material
3. View attendance
4. View score
5. Upload internship certificates
6. View/enter feedback

Login
The initial dashboard consists of a login page, where the admin, student or teacher can select their roles and log into their respective dashboards using their username and password.

Admin
Once logged in, the admin can register, view, delete and update teachers.

Teachers
Once logged in, teachers can change their password and update their profile.
Registration of students is done by the teachers for their respective classrooms.
In their dashboard, teachers can upload student attendance details, course
materials and student internal and external scores.
Teachers can also upload regular assignments.

Students
Once logged in, students can change their password.
In their dashboard, students can view their attendance, view their scores, view
course material and update their profile.
Students can also upload internship certificates and enter feedback.
Students can answer assignments.

Manage Teacher (by Admin)
1. In the admin's dashboard, there are widgets to add new teacher, view
   teachers list.
2. A teacher can be added either by clicking on the add new teacher widget
   or via teachers list.
3. In order to edit the details of a teacher, the user can do so via the teachers
   list.
4. A teacher can also be deleted via the teachers list.

Dashboard -> Add Teacher Widget -> Manage Teachers
OR
Dashboard -> Teachers List -> Manage Teachers

The following details are shown when a teacher is selected from the teachers list.

Faculty Name	Name of the teacher
Faculty ID	Faculty ID of the teacher
Department	Teacher's department
Designation	Teacher's designation

Edit details	Widget for admin to edit details of teacher
Delete Teacher	Widget for deleting a teacher

Manage Student (by Teacher)
1. In the teacher's dashboard, there are widgets to add new student, view students' lists.
2. A student can be added either by clicking on the add new student widget or via students list.
3. In order to edit the details of a student, the user can do so via the students list.
4. A student can also be deleted via the students list.

Dashboard -> Add Student Widget -> Manage Students
OR
Dashboard -> Students List -> Manage Students

The following details are shown when a student is selected from the students list.

Student Name	Name of the student
USN	USN of student
Branch	Student's branch
Semester	Semester of student
Edit details	Widget for admin to edit details of student
Delete Student	Widget for deleting a student
Scores	Widget for entering scores in Internals and Externals
Feedback	Widget for entering and viewing feedback
Course Materials	Widget for adding, editing and viewing

	course materials
Attendance	Widget for viewing and editing attendance of student in respective courses
Certificates	Widget for viewing student's certificates