

Virtual Classroom Management System

Identifying and Listing Features

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1 Use Cases

- Student
- Teacher

2 Required Features

2.1 User Management

- **Sign Up:** Students and the teacher can create new accounts.
- **Log In and Log Out:** Students and the teacher can securely log in and log out of their accounts.
- **Reset Password:** Users can reset their passwords if forgotten.

2.2 Classroom Management

- **Create Classroom:** The teacher can create new classrooms.
- Each classroom is assigned a unique classroom code.
- **Join Classroom:** Students can join classrooms using the classroom code provided by the teacher.
- **Add/Remove Students:** The teacher can add students to the classroom.
- The teacher can remove students from the classroom.

2.3 Communication and Resources

- **Announcements:** The teacher can make announcements in the classroom.
- Students can view announcements in the classroom.
- **Doubt Resolution:** Students can ask doubts to the teacher in the classroom.
- The teacher can answer doubts asked by students in the classroom.

- **Resource Sharing:** The teacher can share resources in the classroom.
- Students can view the resources shared by the teacher.

2.4 Assignments and Exams

- **Assignments:** The teacher can add assignments in the classroom.
- Students can submit assignments in the classroom.
- The teacher can grade assignment submissions of students.
- **Exams:** The teacher can add exam form links in the classroom.
- Students can access exam form links in the classroom.
- The teacher can grade students' exams.

2.5 Attendance

- **Attendance Tracking:** The teacher can add and update the attendance percentage of students in the classroom.