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**CSE 327 PROJECT PROPOSAL**

**Topic: Course Management System**

**Section: 6**

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**Course Management System**

In our University all the Respected Faculty members and students have a common platform named **“RDS”.** We want to integrate a new feature to the existing RDS system which will reduce the soreness of sharing Google Classroom code, Facebook Group link etc. and help to interact with each other smoothly.

We want to create a system which will help teachers and instructors of a course to interact with the students in an efficient way. In a course, a faculty shares various reading materials, slides, set exam dates, take questions from the students also students request for various things like asking questions, staring a discussion on a topic etc. We want to bring everything into a single system which can make everything easier.

Our system will be easier to use and help both sides to enhance their productivity.

Expected Features:

* Two types of users; Instructor and Students
* Student will be automatically enrolled to the classes which they advise during advising.
* Respected Faculty Members will be automatically assigned to the courses which they will take.
* Instructor can share reading materials, slides, and various documents through the system.
* Instructor can post announcements
* Both types of user can post and start a discussion
* Instructor can set up exam dates with exam topic and syllabus
* Instructor can post marks and grades and it will be visible by individual student. Instructor can watch everyone's.
* Instructor can start a group video call for discussing remotely.
* Student's activity and performance chart will be shown
* Students can share lectures with each other and discuss with a topic.

The system will be cross platform. For now, we are planning to build web and android based version of this.

Web app will be built using HTML, CSS, JavaScript and Firebase.

Android app will be developed using Flutter with Dart and Firebase.