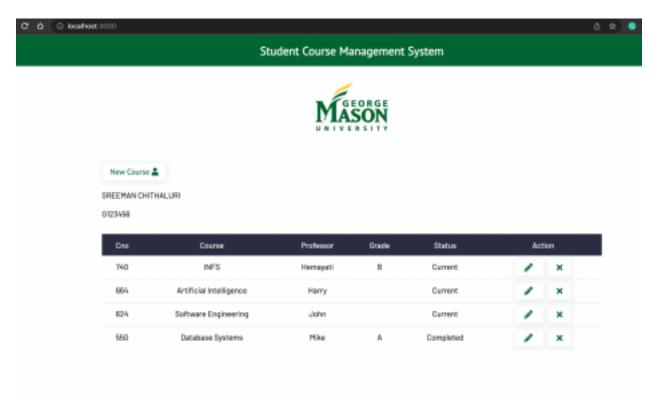
STUDENT COURSE MANAGEMENT SYSTEM

Description

The project I developed is a student course management system where it is useful for an individual student. This website is from the point of view of an individual college student who can manage his courses that he is taking throughout his college. In this project, I have used Node js for backend, Ejs for front end and Mongodb for database and mongodb has 3 collections(Userdb, Student, Faculty). This is a simple website with all 3 functionality like Insert, update and delete. I have used MVC Architecture.

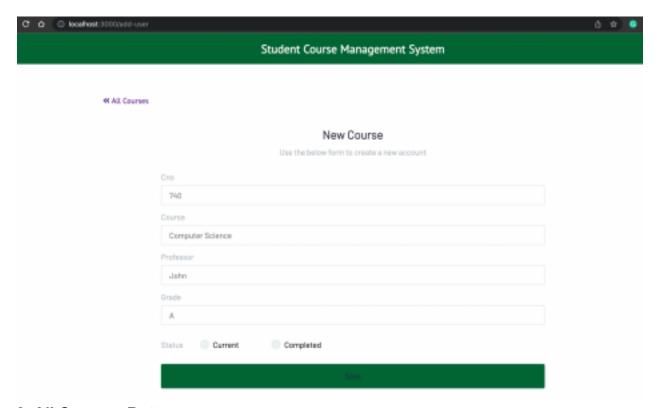


The first page shows all the courses that an individual student has entered. Each course has attributes like Course Number, Course Name, Professor teaching that course, Grade that student received and status of each course like whether it is current course or completed course. For this website, I have used the theme of our college website.

Functionality

1 New Course Button:

In this project, I have developed a button named "New Course", whenever this button is clicked, a new form will be opened where a student can enter his course details. Whenever we hit the save button the course record will be stored into the mongodb database.

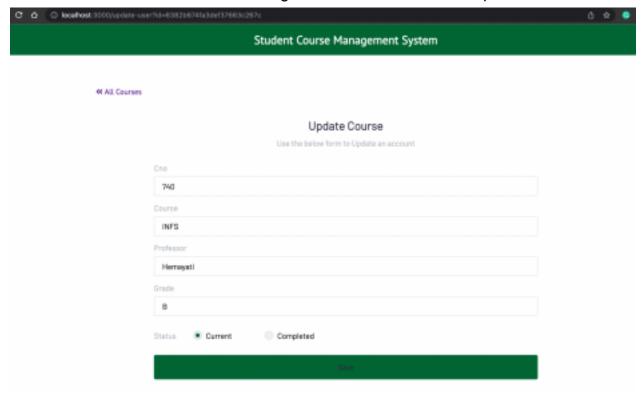


2. All Courses Button:

After Data Insertion, Whenever we click the "All Courses" button, we are redirected to the home page where the inserted data can be viewed at this place.

3. Edit Button:

If a student wants to edit an existing record, after clicking the edit button, based on Id, the record will be searched in the mongodb database and can be updated.



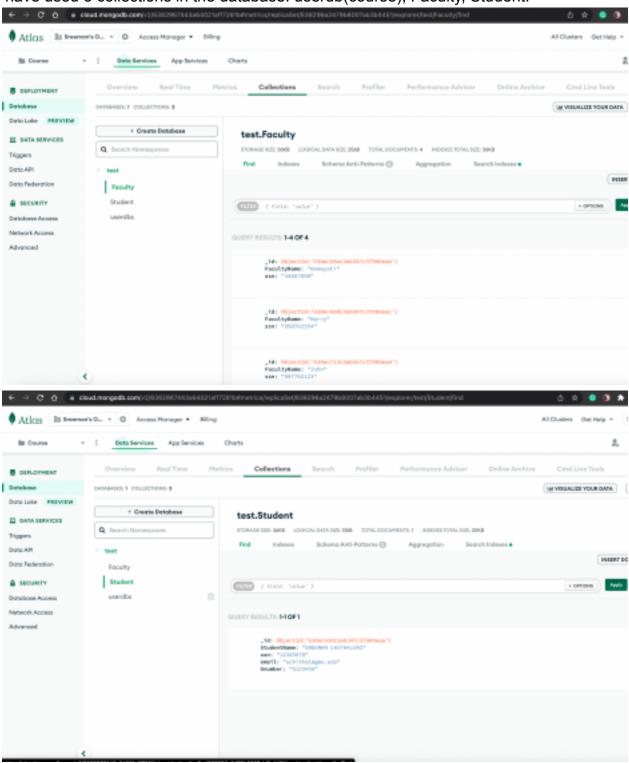
4. Delete Button:

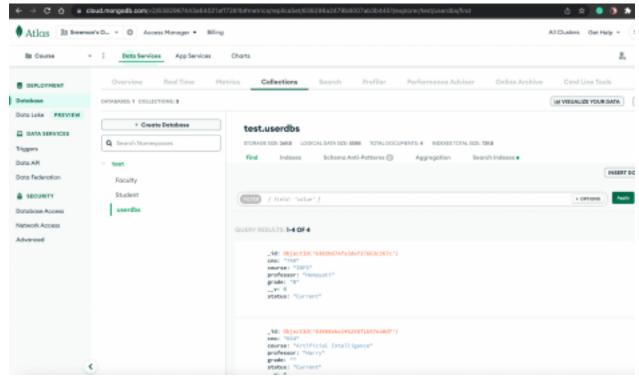
This delete button will pull up the data record from the database using ID and erase the

record.

Collections in Mongodb

I have used 3 collections in the database: userdb(course), Faculty, Student.





Search Functionality in code:

Based on course ID and find function, I have searched for a particular record in Mongdb, retrieved and updated the same record after modifying.