

# Assignment No. 3

## 6CS371 : Advanced Database System Lab

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Batch: T-7

TY CSE

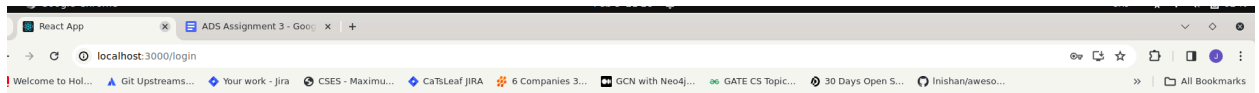
Design and implement a web-enabled (portal) student MIS (Management Information System) for University schema attached in separate file.

Technology stack : ReactJS, NodeJS / C#.Net , MySQL

Requirement Specifications :

1. Role based User management at different levels
2. Data Entry form for each entity
3. Generic report generator : Should be able to display / list any data.

1. We implement role based use management by implementing authentication and authorization for the student and instructor roles. Students have access to their courses taken only, while instructors have access to the complete system.



### Login

Username:

Password:

**Signup**

Username:

Password:

Role:

Name:

Total Credits:

[Signup](#)

2. We implement data entry and listing for each type of data including courses, departments and

**Courses**

Course ID:

Title:

Department Name:

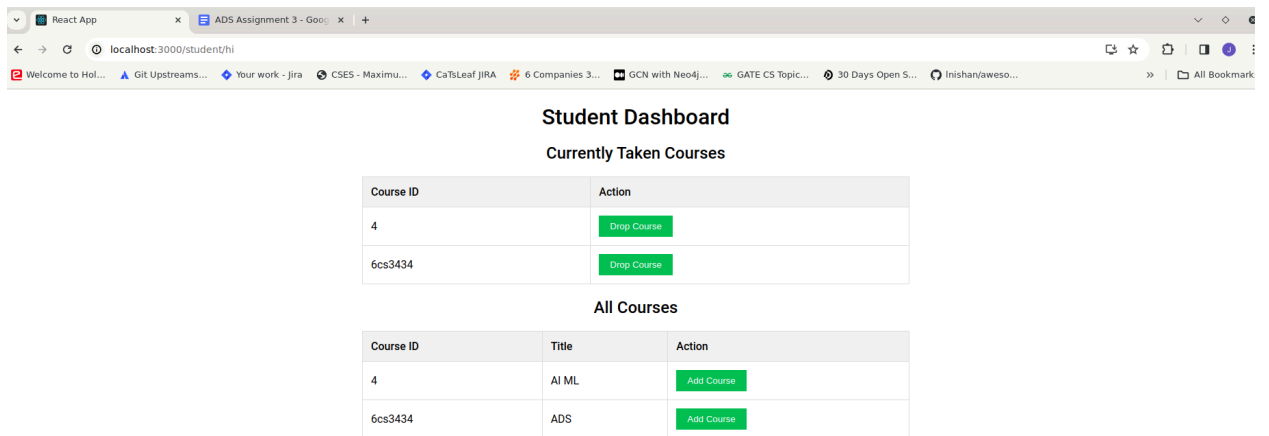
Credits:

[Add Course](#)

Course ID	Title	Department Name	Credits	Actions
4	AI ML	CSE	4	<a href="#" style="background-color: green; color: white; padding: 2px 5px; text-decoration: none;">Update</a> <a href="#" style="background-color: green; color: white; padding: 2px 5px; text-decoration: none;">Delete</a>
6cs3434	ADS	CSE	4	<a href="#" style="background-color: green; color: white; padding: 2px 5px; text-decoration: none;">Update</a> <a href="#" style="background-color: green; color: white; padding: 2px 5px; text-decoration: none;">Delete</a>



### 3. We implement different type of listing of data



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/student/hi'. The page title is 'Student Dashboard'. Below the title, there are two sections:

**Currently Taken Courses**

Course ID	Action
4	<button>Drop Course</button>
6cs3434	<button>Drop Course</button>

**All Courses**

Course ID	Title	Action
4	AI ML	<button>Add Course</button>
6cs3434	ADS	<button>Add Course</button>