



Project Work: **Topic Module**

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Problem Statement

- ▶ You need to create an application for **Online Course Management System**
 - ▶ The main goal of the project is to facilitate seamless interaction between students and instructors etc. There are going to be three types of users in this project. First one is Admin and Second one is Student and Third one is Instructor. The admin can create accounts for students and instructors ,creating curriculum ,managing the course. Student can log in to their accounts to view their coursework, submit their projects, get feedback from instructors, etc.. Instructor can log in to their accounts and check the projects submitted by the students, communicate with the students, and offer guidance to them.



Technologies Involved



1. HTML +CSS +JS
2. React +Redux + Bootstrap5 + Integration



Rules for Creating UI Project



- ▶ Method size should not be of more than 10 lines
- ▶ Built in libraries and cutstom library should be separate
- ▶ Reuse Compoents across application
- ▶ All URI should be at a common place
- ▶ Keep your code DRY. Don't Repeat Yourself, but keep in mind code duplicate is NOT always a bad thing
- ▶ Use React.Fragments to Avoid Additional HTML Element Wrappers



► **Module Description:**

- Trainer will Manage the Topic and will perform CRUD Operation on Topic

► **Requirements:**

- Trainer will select the course
- Trainer will create Topic on the basis of course
- Trainer can upload video or pdf or text
- Trainer can specify video duration (HH:MM:SS) of the Topic video
- On the basis of Topic type is video or audio or pdf proper icon should be displayed
- Trainer can view total number of Topics video, pdf
- In Topic list Course Title Topic title Topic duration Topic Creation Date
- Trainer can take backup of the course
- Trainer can update and delete the course



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