

Collab Learn – Details

Challenges Faced:

- Implementing JWT authentication and role-based dashboards required a lot of research due to security concerns.
- While integrating the payment gateway (in test mode), maintaining component reusability and route protection became tricky.
- MongoDB data modeling had to go through several changes during the initial phase.

Future Improvements:

- A forum-based discussion feature can be added to allow interaction between students and instructors.
- An AI-powered recommendation engine could be developed to suggest courses.
- The instructor panel can be enhanced with features like assignment management, feedback systems, and video uploads.