

Collab Learn ? Details

Challenges Faced:

- JWT authentication ? role-based dashboard ????? security concern ???? ???? research ???? ??????
- Payment gateway integration (test mode) ???? ???? component reusability ?? route protection maintain ????? tricky ???? ?
- MongoDB data modeling ???? initially ???? ????????? ???? ?????????

Future Improvements:

- Forum-based discussion feature ??? ??? ????? students ? instructors interact ???? ?????
- AI-based recommendation engine develop ??? ??? course suggestion ?? ?????
- Instructor panel ??? strong ??? ?????assignment management, feedback system, ?? video uploads ?????????