**KEC ONLINE COURSE WEB APPLICATION**

**Submitted by**

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**for**

**20ADT42**

**WEB TECHNOLOGY**

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE**



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**Functionalities:**

* User registration and login: Users should be able to create an account and log in to the app in order to access the course content.
* Course creation and management: The app should allow course creators to create and manage courses, including adding and editing course content, setting up assessments and assignments, and setting course schedules.
* Course search and discovery: Users should be able to search for courses based on keywords or topics, and browse courses by category or level.
* Course enrolment: Users should be able to enroll in courses
* Progress tracking and reporting: The app should track users' progress through each course and provide reports on completion rates, quiz scores, and other metrics.
* Mobile compatibility: The app should be designed to work seamlessly on mobile devices, with responsive design and native mobile app support.
* Feedback and review: Users should be able to provide feedback and reviews of courses and instructors, and instructors should be able to respond to feedback and make improvements based on user input.

**Schemas:**

* + User
  + admin

**User:**

* + Login (attributes : id,name,password)
  + Sign up (attributes: id ,user\_name,email,password,mobile\_number, role)
  + Available Courses with some constrains (attributes : id, title, source, description)
  + Course Registration (attributes: course\_id,student\_id,course\_name)

**Admin :**

* Login (attributes : id,name,password)
* Signup(attributes : id, name,email,password,mobile\_number,role)
* Source insertion by admin(attributes : id,title,source,descrption)