

*Department of Software Engineering*

***Bahria University Karachi Campus***

**Course Title: Web Engineering**

**Course code:** **SEL 310**

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**E-Learning Web Application**

**BSE. [5 -B]**

**WEB-ENGINEERING SEMESTER PROJECT REPORT**

**by**

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**acknowledgement**

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**Abstract**

An e-learning web application is a platform that allows users to access educational content and resources online. This project presents a review on the software program "E-learning web application" as should be used in an education system, a facility which is used to download course, maintainer user details add and delete courses and improve quality of courses based on feedback. Mongo collection built for managing and computerizing the traditional database, user, courses, and other information. It maintains all user details, course details, downloaded course details.  The web application achieved can improve the user hand and relationship management operations.

**introduction**

Welcome to our e-learning web application! Our platform is designed to provide a comprehensive and engaging learning experience for students of all ages and backgrounds. With our user-friendly interface and wide range of courses, you'll be able to easily access the education you need to reach your goals.

We are committed to providing an accessible and inclusive learning experience for all students. Our course catalog is constantly updated with new courses, and we offer flexible access control system.

We believe that with our e-learning web application, you'll be able to achieve your educational goals and take the next step in your career. Let's get started!

**project scope**

E-learning is a global online learning platform that allows anyone, from anywhere, to access online courses and degrees from world-class universities and companies. E-learning keep users fully engaged by incorporating texts, videos, sounds, collaborative sharing, and interactive graphics into the learning process. It has the potential to improve the quality of teaching and learning. Another significant advantage of e-learning is the ability to take classes from anywhere and at any time. Furthermore, e-learning caters to a wide range of learning approaches by utilizing a large amount of interactive content available on the internet.

**project MODULES**

**ADMIN:**

* Admin Login
* Add or Delete Course
* See user Information
* See registered users
* Manage download courses
* Manage categories of courses

**USER:**

* User Login
* Registration
* Search For Available courses
* Check details of specific course
* Download course

**TECHNOLOGIES**

**React**

**Node**

**Express**

**Mongo db**