

# ONLINE COURSE PORTAL FOR A UNIVERSITY

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GROUP NAME: **DAKA**

TEAM MEMBERS:

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OBJECTIVES:

The main motive and objective of this project is to develop a user-friendly web application for creating and managing a course portal for a campus/institution.

SOFTWARE:

**\*UI Design:**HTML,CSS,JS,NODE.js,EXPRESS

**\*Database:** SQL

## **ABSTRACT:**

This project aims at creating a course portal for a campus/institution. This allows registered users of the system to join a course available on the site and access the materials published for the course. Registration to a course can be done either as a faculty or a student. When a user registers himself as a faculty, an approval request will be sent to the administrator, so that the administrator can verify the user as a faculty. The details about the course and the study materials respective to the course are uploaded by the faculties in their course portal which can later be accessed by the students from their portals. Discussion Boards are made available for both the faculties and students for each course where there can share their ideas and faculties can make announcements. Tests can be created and conducted on the portal by the faculties. There will be a grade-book section where students can take up the tests and view their scores immediately as they complete the tests. Students can express their opinion and provide feedback on the course and faculties in the course feedback section.

## **INTRODUCTION:**

With the humongous growth of computer technology, our lives are becoming complex too. So exploiting the computer technology to solve our day to day life problem has become the most efficient solution. One of such scenarios is maintaining course portals in educational institutions. Manually keeping track of every student's academic record in each course is far beyond human capability. Hence developing and maintaining an online course portal prove to be beneficial for students and faculties to review their works respectively,

allow faculties to grade their students and upload study materials which can later be accessed by their students.

### **BUSINESS RULES:**

- (1) Home page contains the login screen where a user can register or login.
- (2) Users are of different types for the system: student, administrator, faculty
- (3) The administrator should be able to create a course, name and provide the details of the course, approve the faculty members, update the members of a course, publish announcements.
- (4) The student should be able to view the content of the course, attend a test, ask queries in discussion board, view announcements, check his/her test scores.
- (5) Faculty should be able to create a test, update the contents of the course, publish announcements.

### **TABLES:**

- (1) Course
- (2) Faculty.
- (3) Student.
- (4) Registration details.
- (5) Administrator.
- (6) Test.
- (7) Announcements.
- (8) Feedbacks.

## **OUTPUT:**

- (1) Course details, faculty details, student details.
- (2) Registration details.
- (3) Discussion board.
- (4) List of resources.
- (5) Test results.

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