

ONLINE COURSE PORTAL

This project aims at creating a Courses portal for a campus/organization. This allows registered users of the system to join a course available in the site and access the materials published for the course. People can register themselves as students of a course or Faculty for a course. When a person registers himself as a Faculty, an approval mechanism should be triggered which sends an email to the Administrator for approving the person as a Faculty. There will be an admin approval page where admin can approve the faculty members for the course.

The course home page should contain the title of the course and a brief description. There will be a discussion board for each course where students can interact, an announcement section, which contains the latest announcements, and a course content section which gives the links for the material available for the course. For faculty members there will be an extra link for uploading the course content in a zip file format. The course content should be html pages, which should be uploaded in the zip file format. There should be a mechanism for the faculty members to create a test for the course specifying the test title and a set of multiple-choice questions and duration of time of the test.

Functional components of the project

There will be a Course Portal home page where there will be a registration link as well as a login screen is available.

There are three types of users in the system

- Administrator
- Faculty (for a course)
- Student (for a course)

Note: A registered user can be a faculty for one course(if approved by the administrator) as well as student for another course

The administrator should be able to do the following:-

- Create a Course, by providing the course title and description.
- Approve Faculty members for a Course
- Delete the members of a Course
- Publish announcements
- A page to view all the feedbacks received.

When a user logs in to the system he will have a tab pane which has the following tabs

My Course, Announcements, What is New, Register for a Course FeedBack

1) Clicking on **MyCourse** tab will give all the courses for which the user has access.

Clicking on any Course will give the **Course Home page** for the user

Course Home Page content:-

- Course Name and Description
- Link to view all the students
- Link to view all the faculty members.
- Link to View Course specific Announcements
- Link to Create Course Announcements(only for Faculty members)
- Link to view a discussion board,
- This will open up a page where the user can create a topic of discussion, and view all previous threads, reply to any of the thread etc....
- Link to view all the Course Content

All the uploaded course should be browsed for this page

- Link to upload course content (only for faculty members)

Whenever faculty members upload a zip file, the admin should get a message and should extract the zip to the file system. The course content should be html pages.

The admin should create a new announcement saying that new course content is

available for the course. (Look in to ways in which the file can be published without administrator intervention)

- Link to Create a Test of multiple choice questions (only for faculty members)
- Link to Take a Test (only for Students)

2) Clicking on Announcements tab in the home page brings to a page where new announcements can be viewed. This will be basically

3) Clicking on Register for Course opens up a page containing

- List of All Course available
- Against each course there will be two links Register as a student, Register as a faculty
- Register as faculty prompts the user to provide a valid email-id and phone number and a message will be sent to the admin as an email as well as the message can be viewed by the Admin in the administrator Approve Faculty member page

Hardware and Software Specifications

PROCESSOR

CPU : PENTIUM IV

SPEED : 2 GHz

COPROCESSOR : BUILT IN

MEMORY

TOTAL RAM : 128 MB

STORAGE

DISKETTE A : 1.44MB FLOPPY 3.5"

HARD DISK : 40 GB

INPUT DEVICES

KEYBOARD : 105 KEYS

MOUSE : LOGITECH MOUSE

OUTPUT DEVICES

DISPLAY : SGVA COLOR

PRINTER : HP DESK JET

FRONT END : ASP.NET/C#.NET

BACK END : SQLServer

OPERATING SYSTEM : WINDOWS XP