

MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PRO FORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI PROJECT


(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)

Mini Project Proposal No : _____
(Filled by the Department)

Academic Year : 2021-2022

Year of Admission : 2020

1. Title of the Project : Online Mooc Course System Under KTU
2. Name of the Guide : Mr.HYDERALI.K
3. Number of the Student: MES20MCA-2002
4. Student Details (in BLOCK LETTERS)

| Name | Roll Number | Signature |
|---------------|-------------|---|
| 1. ABHIJITH.M | 02 |  |

Date:01/12/2021

Approval Status : Approved / Not Approved____

Signature of
Committee Members

}

Comments of The Mini Project Guide

Dated Signature

Initial Submission :

First Review :

Second Review :

Comments of The Project Coordinator

Dated Signature

Initial Submission:

First Review

Second Review

Final Comments :

Dated Signature of HOD

ONLINE MOOC COURSE SYSTEM UNDER KTU

ABHIJITH.M

Introduction:

MOOC course for KTU is an online platform where students can learn new courses through online under the APJ Abdul Kalam Technological University. In this system students can register for different courses taught by specialized teachers. Students can select course and corresponding teacher by analysing their rating given by the students who learned before. After completion of course Student will receive a certificate, specifying the subject, duration and the signature of tutor.

Objectives:

The objectives of the proposed system are listed below:

- The proposed system will be less time consuming and more efficient.
- Currently available system is manual one.
- Analysis will be very easy in proposed system as it is automated.
- Results will be very precise and accurate.
- The data are stored in a database and can be backup for future use.

Problem Definition:

This system will allow students to get certificates on MOOC course under the provenience of KTU. Students can choose their own desired courses according to their branch of study and can choose teachers who teach these courses. Students can give remarks to teacher based on their teaching and others can get a easy analyzation through it.

Basic functionalities:

MODULES

- Admin
- Teacher
- Student

Admin

The administrator has the entire control of the application. He is one who add courses and teachers to the system also ensures that the student will get certificate after completion of course.

- Add Teacher
- Add Course
- Payment record update

Teacher

Teacher is going to register for the course that they are specialized in and teach students.

- Add notes and tutorial videos
- Schedule online class

- Question answer section
- Payment receiving section
- View rating
- Evaluate the answers

Buyer

Students will register for desired course and select their teachers for learning.

- Registration
- Own account
- Payment registration
- View courses
- View teachers and their rating
- Assign rating to teachers
- Question answer Section

Tools / Platform, Hardware and Software Requirements:

HARDWARE REQUIREMENTS:

The selection of hardware is very important in the existence and proper working of any of the software. When selecting hardware, the size and capacity requirements are also important. The hardware must suit all application developments

- Processor : i3 or above.
- System Bus : 32Bit or 64Bit
- RAM : 4 GB or Above
- HDD : 500 GB or Above
- Monitor : 14" LCD or Above
- Key Board : 108 Keys
- Mouse : Any Type of mouse

SOFTWARE REQUIREMENTS:

One of the most difficult tasks is selecting software, once the system requirement is find out then we have to determine whether a particular software package fits for those system requirements. This section summarizes the application requirement.

- Operating System : Windows 10 Any 32 bit or 64 bit platform
- Front End : .Python
- Back End : MySQL Sever
- IDE : Python 3.6 or above PyCharm