

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

Mini Project Proposal (III Semester MCA)

Approval of the mini project proposal is mandatory to continue and submit the project work.

The mini project proposal should clearly state the project objectives and the environment of the proposed project to be undertaken.

The following documents are to be submitted for approval

1. Pro forma for approval of the mini project (Present in this document)
2. Synopsis/Abstract with following contents
 - i. Title of the Mini Project.
 - ii. Introduction and Objectives of the Project.
 - iii. Tools / Platform, Hardware and Software Requirement
 - iv. Problem Definition and Initial Requirements
 - v. Basic functionalities of the project

The abstract should be submitted in the format given in the 3rd page of this document.

The Abstract in the given format shall be uploaded on or before **07.08.22**

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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 : _____
Year of Admission : _____

1. Title of the Project : _____
2. Name of the Guide : _____
3. Reg.Number of the Student: _____
4. Student Details (in BLOCK LETTERS)

Name

Roll Number

Signature

Date: _____

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 DISCUSSION FORUM

MUHAMMED SHABEER MP

1) INTRODUCTION

Online discussion forum is an electronic platform for online learning, discussion, knowledge sharing, and information dissemination. States that Online discussion forum is a web-based application that brings people together with shared interest and mind-set, and members have the privilege to post messages to the discussion threads, interact and receive feedback from other students and instructors, and hence create a deeper understanding of the subject matter being discussed. Online Discussion Forum is a form of learning through networking which provide opportunities for students to seek, obtain, and share information, and it has beneficial impact on the teaching and learning process. Students can read threads of comments and contributions made by their peers, and then compare their knowledge and bring out meaning on the topic being discussed. Student participation in an online forum enables them to think deeply in order to contribute effectively on the platform or to be seen to be relevant during discussions. Online discussion forums promote student-cantered learning, making it possible for students to take charge and coordinate a discussion. Stated that increase in students participation in online discussion forum increases their learning outcomes and achievement.

2) PROBLEM DEFNITION

Comparison of students in a MCA class that were taught with either a traditional or electronic tutorial . A tutorial is a period of class outside the regular lecture classes where lecture material is discussed between students and a teacher assistant or a professor. Communication in the electronic tutorial was in an asynchronous manner. No between-group differences were found regarding grades. From his assessment, students seemed to prefer the electronic tutorial due to the flexibility it offered and the fact that a permanent record was available for future reference. A study on the usage of online forum in a graduate science education course showed that students contribution to a subject under discussion were more detailed and deliberate when interacting online compared to face-to-face interactions. Online forums provide an avenue where class material can be reviewed, discussed and reinforced. The underlying presumption is that knowledge can be constructed by an online asynchronous dialogue of class material. This communication channel supports discussion outside the classroom and is flexible for students that work full-time.

3) OBJECTIVE

The objective of this application is:

- Online Discussion Forum is a platform for productive discussions on assignment topics or course contents.
- It provides the platform for students who do not participate during class discussions to become “vocal” during online discussion

- Online interaction allows for further discussion of a topic. It also provides students with enough time to think and reflect on the course material and hence post more thought-out comments to the discussion board.
- Students and instructors often think of comments or questions after the lecture and can post them and discuss these inquiries online.
- The online format is a convenient way to archive and preserve your course discussions.
- Online discussions can give you feedback prior to or after a class; this feedback may indicate what content students understand and what requires further clarification.

4) BASIC FUNCTIONALITY OF THE SYSTEM

The system function will include the following areas: The application is capable enough to store details of students and faculty.

- Admin
- Faculty
- Students

4.1 User Characteristics

A) Admin module:-

- 1.Login
- 2.Register faculty
- 3.Remove faculty

B) Faculty module:-

- 1.Login
- 2.Register Students
- 3.View posts
- 4.Start new topic
- 5.Make new posts
- 6.Delete posts
- 7.Remove students

C) Student module:-

- 1.Login
- 2.view posts
- 3.Start new topics
- 4.Make new posts
- 5.Providing feedback

5) SOFTWARE REQUIRMENTS

- Front-end - PHP
- Back-end - MySQL