**Introduction to Software Engineering**

**CSE291**



Department of Computer Science

COMSATS University Islamabad, Lahore Campus

Style Guidelines for Final Year Project ReportsPROJECT PROPOSAL TEMPLATE



Department of Computer Science

COMSATS University Islamabad, Lahore Campus

30 September 2021

**Project Details**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Type (Nature of project) | | | [✔] **D**evelopment [ ] **R**esearch [ ] **R**&**D** | | | | |
| Area of specialization | | | Web Application Development | | | | |
| **Project Group Members** | | | | | | | |
| Sr.# | Reg. # | Student Name | | CGPA | Email ID | Signature | Obtained Marks |
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**Project Title:**

Online eLearning System.

**Aim of the Project:**

In this System the teachers and students will enroll and join the reliable learning environment. This system will let you register users and keep the records of the users and will help them to educate with a better and advanced approach. Scheduling the Meetings, uploading of materials, giving grades, communication technology and queries section.

**Problem Statement:**

The problem in current system of eLearning is that it is only limited to Registering students/instructors, uploading of contents and recorded lectures giving Assignments/quiz. But there is no such Facility of giving Live Online Video Lectures, Students must go to another medium/platform to get online video lecture such as Google Meets, Zoom and MS Teams.

1. The problem is that Students cannot take online video session on the current eLearning system rather the instructor adds the students to another system of online video session so they can take online video sessions.
2. The student’s login to one portal for specific work but they must have to join another medium separately to take online video lectures.

**Proposed Solution/Future System:**

To overcome the problem of current system we will introduce an advanced feature of live video session. So that the students do not have to change the medium to take their online video lectures, rather they can stay in one system and take all their lectures efficiently without having the need to join another system.

1. The system will end up bringing an effective communication among students, instructors, and the administration, by accessing conducting online lectures and other resources anytime, anywhere
2. The system will help the students to communicate better and give perfect results with the help of advanced eLearning system.

**Limitations of Existing System**

* Wastage of Time.
* It was Costly.
* Manual work
* Consumes large amount of storage.
* To avoid all these limitations and make the system working more accurately it needs to be a multitasking platform of education.

**Project Introduction:**

E-Learning system provide student an advance online platform for education. E-Learning uses communication technologies and communication systems to improve learning knowledge. It has the power to change the way we teach and read the whole board. It can raise levels and increase participation in lifelong learning. It will not replace teachers and educators, but alongside existing measures can increase the quality and effectiveness of their teaching, and reduce the time spent on administration. It can enable every student to achieve his or her skills and help build academic staff who are empowered to change. It makes the process possible of seeking the real aspirations of the future learning society.

**Project Description:**

* This system is to facilitate the students and instructors as they use different platform for online lecture, attendance and for online live communication.
* This system will ease the work of both instructor and student. Here instructor and students easily communicate with one another to solve queries on a single platform.
* This system is a multitasking system as it provides multiple facilities such that online meeting, uploading quizzes, assignment and learning material and chat box facility. Moreover, using this system you can see your grades, attendance, and fee status. Instead of using multiple platforms for all this work, you can use eLearning system.
* In short it is a convenient learning system from which instructor can teach easily and student can learn and clear their queries and safe their time as it is multitasking system.

**Project Objectives:**

The objectives of this project are as follows:

* To educate Students from online platform
* Provide Video Calling and chat box facility
* Provide multiple platform facilities in a single platform
* To manages all the information about Assignment, Quizzes and Helping Material
* Provide job opportunity to Teachers
* To save time the time of students
* Digital data reduces the complexity of the library. Students no longer feel the need to fight over books.

**Time Schedule/Gantt Chart:**

A picture containing graphical user interface

Description automatically generated

**Individual Tasks:**

FA20-BSE-017:

Project Introduction.  
Project Description  
Project Objectives

FA20-BSE-064:

Aim of Project.  
Problem Statement  
Proposed Solution  
Limitations