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**Title of the project: ClassConnect**

**Introduction:**

ClassConnect is an online learning platform, this platform is designed to bring high-quality courses to learners everywhere, breaking down the barriers of traditional education. Whether a person looking to enhance the skills, gain new knowledge, or pursue a passion, ClassConnect offers a diverse range of courses to meet the needs.

**Problem Statement:**

It is very challenging task for the company to manage all the things related to courses. It is difficult to promote the courses provided by the company. Also, it is a tedious task to streamline the admission process, checking the forms, providing course materials, certificates etc. Batch scheduling, faculty management may be error prone.

To resolve all these types of problems this website will play a significant role for company and for the students.

**Proposed System:**

The ClassConnect proposed system aims to create a comprehensive and user-friendly online learning platform. This system will enable users to browse the available courses. User can take admission online in any of these courses. After enrolment user will be provided ID and Password so that user can access the portal for further task.

**Objective:**

* Provide access to quality education.
* Enhance learning flexibility.
* Facilitate easy course enrolment.
* User friendly environment.
* Skill development.

**Resources (Hardware and Software) to be used:**

**Hardware Requirements: -**

**Client Side:**

Any machine with browser and internet connection

**Developer Side:**

Processor : Core i3 or above

RAM : 4 GB

HDD : 500 GB

Display : High Resolution screen

Others : Internet Connection

**Software Requirements: -**

**Client Side:**

Web Browser : Any updated browser

**Developer Side:**

Browser : Any updated browser

IDE : Visual Studio Code

Language : Python

Framework : Django

Database : SQLite

Operating System : Windows

**Process Description:**

In this web application there are following roles and each role has different tasks as follows.

**Roles: -**

**Admin, Student;**

**Modules Description:-**

* **Enrolment:** Any student can get enrolled by filling the enrolment form for joining a particular course.
* **Account Management:** Admin will create account for enrolled students.
* **Login:** Student will login to access the dashboard.
* **Profile Management:** student can view/update their profile.
* **Course Management:** All the details related to different courses will be added/updated/deleted by admin.
* **Study Resource Management:** Study material related to the courses will be uploaded and respective student can download it.
* **Feedback and Rating Management:** Students can give their feedback and rating and it will be viewed by admin as well as anonymous users.

**Trainer Management:** Admin can add/update/delete Trainer’s details.

* **Notice Management:** Notices regarding courses, for other information should be posted by admin and it will be seen by students as well as non-registered users
* **Contact**: Any non-registered user can do query to the portal admin and admin will reply them.
* **Course and Trainer Details Listing:** Any anonymous user will be able to see all the all the courses and Trainer details

**Future Scope**: The ClassConnect portal has the potential to evolve and expand significantly in the future. In Future AI-Driven Recommendations can be added, Rewards and Badges can be provided. Job consultancy services can be added in the website so that after getting knowledge user can get a job also.

**Conclusion:** The proposed ClassConnect system aims to provide a comprehensive, flexible, and user-friendly platform for online learning. By addressing the needs of both learners and instructors, the system will create an engaging and effective learning environment. Through robust course management, interactive learning tools, and strong administrative support, Class Connect will be well-positioned to deliver high-quality education to a global audience.