ABSTRACT

Title:

SkillConnect: An Integrated Platform for Aptitude, Competitive Exam Preparation, and Career Opportunities

Objective:
The objective of this project is to develop a unified web platform that enhances the learning and career prospects of students and job seekers. It aims to combine aptitude and competitive exam preparation, knowledge sharing, and recruiter interaction within a single user-friendly system.

Introduction:
SkillConnect is a web-based platform designed to bridge the gap between learning, assessment, and employment. In today's competitive environment, individuals often rely on multiple sources for exam preparation, study materials, and job searches. This project integrates all those functionalities into one cohesive portal.

Through this platform, users can attempt aptitude and competitive exam tests, share their study materials, and explore job opportunities posted by recruiters. Recruiters can interact with potential candidates, making the hiring process more direct and efficient. The system also supports discussion spaces where users can exchange ideas and clarify doubts, creating an engaging learning community. An integrated chat feature between users and recruiters further enhances communication and transparency regarding job opportunities.

Main Modules:

1. **Admin Module:**

   o Manages aptitude and competitive exam question banks (add, update, delete).

   o Approves and monitors user-uploaded notes before publication.

   o Oversees discussions, user activities, and overall system maintenance.

   o Generates analytical reports on tests, user performance, and site usage.

   o Add post, and manage job opportunities.

- Add and update upcoming competitive exam notifications (exam name, date, registration deadline, link, etc.)

2. **Recruiter Module:**

    - Allows recruiters to register, post, and manage job opportunities.

    - Views user applications and candidate profiles.

    - Enables direct communication with users for job-related queries or interview coordination.

3. **User Module:**

    - Users can register, attempt aptitude and competitive tests, and view results.

    - Upload notes for admin approval and share with other learners.

    - Apply for jobs posted by recruiters.

    - Participate in discussion forums to exchange ideas and clarify doubts.

    - Receive notifications for approved notes, new jobs, and tests.

    - A **"Latest Exam Dates"** page displays all upcoming exams and their details

    - Setting Reminders or bookmarks for exams.

    - Allows users to communicate directly with recruiters to inquire about job roles or application status.

Tools Used:

Frontend: HTML, CSS, JavaScript.

Backend: Python (Django Framework)

Database: MySQL / SQLite

IDE: Visual Studio Code

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