ENGAGE'21

1. PROBLEM STATEMENT

Nowadays, internet has all sorts of data which may or may not be useful to a user. The students tend to waste a lot of time looking for the right resources. Therefore, we aim to build a forum for students wherein the students can access the past interview experiences for various Job Profiles as well as upload their own experiences in the most convenient and user-friendly manner.

2. IMPLEMENTATION

- For now, we will be using Python programming language for the backend.
- HTML, CSS and bootstrap will be used for the frontend. In order to make the website more interactive, we shall be using JavaScript as well.
- We will use Django as the framework of the application.
- By default, Django uses SQLite as the database. Hence, we will be using the same to store all the relevant information.

3. DESIGN OF THE APPLICATION

A. Login Page:

A user has two login options:

- Student Login: The student will be asked the login credentials in-order to access the forum as well as view his/her profile. If the user doesn't have a pre-existing account, then (s)he will be given an option to register on our forum.
- Moderator Login: A moderator needs to verify and approve an experience before it is uploaded to the forum accessible to the students. Hence, a user who has Superuser access in Django can login through that page and get a list of unapproved experiences and review them.

B. Registration Page:

The student needs to register on this webpage. It will be a form consisting of a few questions about the student. Once the student has registered successfully, s(he) will be redirected to the login page.

C. Forum:

The student will be able to view the past interview experiences categorized according to various Job roles. Some of the Job roles are:

1. Business Analyst
2. Operations Analyst
3. Marketing Manager
4. Software Developer
5. Data Analyst
6. System Engineer
7. Data Scientist

The user will also be able to view their own profile, to add any interview experiences of their own and to view all the experiences posted by them in the past.

We will also have a logout button on this page.

D. My Profile Page:

The student will be able to view their personal information which was added during the registration process. Also, they can view all the interview experiences uploaded by them in the past. The student will also have an option to add a new experience.

E. Add Experience Page:

This will be a simple form. Here, the user will be asked the job profile (from the above-mentioned profiles) for which s(he) wants to upload the interview experience. The students need to give a brief about each of the rounds. Once the interview experience has been successfully uploaded, the student will be redirected to the My Profile Page.

F. Experience Details:

It will be a simple HTML page to display the details of the interview experience.

For a moderator, we will have an additional checkbox to review and approve the experience so that it can be made visible on the homepage of the forum.

TEAM:

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