Project Title: **E-assessment-Solution to hire talent**

Abstract:

As a result of competition in the market, many businesses need a platform to hire talent. Our web application will help them. With the help of our website, business or recruiters can hire talent and assess them by developing their own questions on different topics. Our web application recruiter can use to design an exam and evaluate the candidate's knowledge and critical thinking abilities. A recruiter can create an account here, and that account will be verified via email through a web page link. On that link, the recruiter must provide information about himself/herself as well as the company. Following the creation of the profile, the recruiter can create assessments in which he or she can include multiple choice, coding, video, and essay-type questions. The correct answer will be pre-determined by the recruiter in this case. We are also planning to connect with an online code editor for coding questions. After successfully creating an assessment, the recruiter will be prompted to enter the names of candidates and their email addresses for whom the recruiter wishes to conduct an assessment. The web application will now send a web page link to the candidates' email addresses so that they can participate in the assessment. At the start of the assessment, the candidate's name, candidate ID, and the live image will be requested. After passing the exam, the candidate's performance will be saved in the database so that the employer can see the result. We are planning to take images from the video every 10 sec so that recruiter can create a video and keep track of candidates. And there are very few websites that provide all one package to assess candidates on different abilities.

Team Members:
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Technologies and Tools:

For the front end, we will React js by which we can make a User interface. For the backend, we will use Java and Spring. We will use Eclipse for java Development.

Week 1

Project Name: E-assessment-Solution to hire talent

Team Members: Chinmay Mathakari

Technologies:

Front-End: React.js

Work Done:

Chinmay Mathakari: - We discussed the database and started developing pages. This week I developed a signup page and tried to perform Posts and get operations on the JSON server.

Utpal Patel: - He Worked on MVC architecture in java.

Future Implementation:

For next week we are planning to perform CRUD operations, decide to fix the database structure and implement it also, we are planning to create the Login page and perform routing in React.

Week 2

Project Name: E-assessment-Solution to hire talent

Team Members: Chinmay Mathakari

Technologies:

Front-End: React js

Back-End: Spring, Java

Work Done:

Chinmay Mathakari: In this week I designed the Login page and tried to work on the Question display page. Also, we decided on the database structure for the project, and we distributed the task.

Utpal Patel :

Future Implementation:

In the next week, we are planning to implement models, controllers, and views and planning to integrate the functionality. Also, I am planning to work on the Question display page and will develop an online compiler with access to the webcam.

Week 3

Project Name: E-assessment-Solution to hire talent

Team Members: Chinmay Mathakari

Technologies:

    Front-End: React.Js

    Back-End: python, flask

Work Done:

    Chinmay Mathakari: This week I worked on accessing the webcam from the browser and worked on User functionalities like adding questions, Assessment Invitation, billing, company, new assessment, profile, review config, and team and worked on moving routing to another file, validators for input fields, and pagination part.

    Utpal Patel: He implemented two major functionalities in flask python. Also did the email verification.

Future Implementation:

In the next week, we are planning to start integration of the front-end and backend also I will refactor my code according to the flow decided. Also, we will search for a live server to keep our project always running.

Week 4

Project Name: E-assessment-Solution to hire talent

Team Members: Chinmay Mathakari

Technologies:

Front-End: React.Js

Back-End: python, flask

Work Done:

Chinmay Mathakari: This week I worked on the assessment questions module, integrating the webcam module designed last week by taking screenshots and uploading them to Cloudinary, and Integrated the designed code with the backend and resolved errors faced while integrating. Also, I worked on finding live servers for our project so that we can upload them after integration. I found the Huruku server and currently working on uploading the project onto it. I also helped Utpal to design candidate API and implement sent invitation mail to candidates on email.

Utpal Patel: He implemented candidate API for the project.

Future Implementation:

In the next week, we are planning to complete the remaining integration of the project and plan to upload the project on the live server Huruku and also search for live database server.

Week 5

Project Name: E-assessment-Solution to hire talent

Team Members: Chinmay Mathakari

Technologies:

    Front-End: React.Js

    Back-End: python, flask

Work Done:

    Chinmay Mathakari: This week I worked on the Question module and Assessment view as I observed some problems while testing the code also, I observed a problem with uploading screenshots on the Cloudinary. I resolved those problems and worked on the configuration of that Cloudinary in react.

    Utpal Patel: He is working on the integration part and testing of the UI with the URLs he developed.

Future Implementation:

    We are working on testing our code and making it live on huruku. We are observing many errors and trying to resolve them.