

Annexure I

1. **Project Statement:** In today's fast-paced job market, job seekers find it challenging to efficiently search for relevant job opportunities due to overwhelming information and poorly organized job platforms. Employers also face difficulties connecting with qualified candidates in a timely manner. Many existing job portals present issues such as irrelevant job listings, complicated application processes, lack of user-friendly interfaces, and insufficient feedback mechanisms. Job seekers often waste valuable time filtering through unsuitable jobs or submitting multiple applications without updates. Moreover, the absence of a streamlined, responsive platform hinders effective job matching and smooth communication. JobOrbit aims to address these problems by providing an intuitive web application with targeted job search features, clear job details, and a simple application process. This platform will enhance the experience for both job seekers and employers by making job discovery and application more efficient and transparent.
2. **Approximate duration (in hours) to complete the project:** Approximate 6-8 weeks
3. **Proposed Project In charge:** Riya
4. **Team Members along with roll no.s:**
 - a. Pankhil (2410991555)
 - b. Pridhi Sabikhi (2410991590)
 - c. Priyanka Rani (2410991596)
 - d. Riya (2410991622)
5. **Check Points:**
 - a. Does the project statement result in a product?
Answer: Yes, the project results in a software application named JobOrbit, designed to help users find and apply for jobs efficiently. JobOrbit will offer features such as job listing management, user registration, job search with filters, and application submission capabilities.
 - b. If it is a product, can a prototype be made, if not, what is it, which we can produce that our teachers can evaluate?
Answer: Yes, a prototype can be developed. This prototype will demonstrate key functionalities such as job searching and filtering, user sign-up and login, viewing detailed job descriptions, and submitting job applications. It will provide a basis for evaluating the core usability and functionality of the system.
 - c. Does the project statement use multiple concepts to achieve the outcome?

Answer: Yes, the project incorporates multiple front-end concepts, including building interactive user interfaces with HTML, CSS for styling and responsive design, JavaScript for dynamic content rendering, form handling for job applications, and client-side data management for search and filtering functionality.

d. Does it have enough for our team members to do a sufficient amount of work?

Answer: Yes, the project can be divided among team members into modules such as UI design and layout with HTML/CSS, JavaScript development for job search and application features, client-side data handling, and testing, ensuring meaningful contributions from each team member.

6. Technical Nodes

Subject / Area / Topic	Technical Nodes
1. Frontend Development	HTML, CSS, JavaScript, Tailwind CSS
2. Deployment	Hosting on Netlify

7. Prerequisites (in terms of knowledge, concepts and material) for doing the Project:

- **Programming Languages:**

- Proficiency in HTML, CSS and JavaScript .

- **Frontend Development:**

- Understanding of HTML and CSS for structuring and styling web pages.
- Knowledge of JavaScript for building user interfaces. Familiarity with CSS frameworks like Tailwind CSS for responsive design.

8. Material that may be required to make the project and where it might be available

1. Development Tools:

- **Code Editor/IDE:**

- **Tools:** Visual Studio Code
- **Availability:** Free download from official websites (e.g., [Visual Studio Code](https://code.visualstudio.com/)).

2. Programming Languages and Frameworks:

- **JavaScript**
 - **Tools:** Node.js runtime, npm (Node Package Manager) .
 - **Frontend Libraries and Frameworks:**
 - **Tailwind CSS:** Available via npm (use npm install tailwindcss).

9. Resources available to us:

- **Online Tutorials:** Free and paid courses on platforms like Coursera, Udemy, Khan Academy, or YouTube tutorials covering web development, and more.
- **Documentation:** Official documentation for technologies like HTML, CSS, JavaScript, etc.