Department of Technical Education

Government of Karnataka

PES Polytechnic

Hanumanth Nagar, Bangalore

FORMAT-1
Capstone Project Scope Document

The capstone project scope clearly describes what the capstone project will deliver and outlinesall the work required for completing the capstone project.

Capstone project Title: GRITUP, A Comprehensive career development platform.

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Problem Statement: Many individuals struggle to effectively plan and manage their professional development and career goals, due to a lack of access to resources and support. As a result, they may feel stuck in their current roles, or may not know how to take the next steps in their careers. This can lead to frustration, low job satisfaction, and difficulty advancing in their fields. There is a need for a platform that can provide individuals with the tools and resources they need to assess their skills and interests, explore different career options, and create and implement career development plans that help them achieve their goals.

Objectives:

Here are some potential objectives for a career development platform:

• To help users understand their strengths and weaknesses, and identify career paths that align with their skills and interests.

• To provide users with access to resources and tools that can help them explore different career options and make informed decisions about their career paths.

• To help users create and implement career development plans that outline their goals and the steps they need to take to achieve them.

• To provide users with access to job search and networking resources and support to help them find job opportunities and advance their careers.

Capstone project description: A career development platform is a software or online service that helps individuals plan and manage their professional development and career goals. These platforms often provide a range of tools and resources to help users assess their skills and interests, explore career options, and create career development plans.

Capstone project Deliverables:

Here are some potential deliverables for a career development platform:

1. Learning resources: A library of online courses, articles, and videos that help users develop the skills they need to advance in their careers.

2. Resume builder: A tool that helps users create professional resumes and cover letters tailored to their specific career goals.

3. Job search engine: A job search engine that aggregates job listings from multiple sources and provides personalized job recommendations based on users' career goals and qualifications.

4. Networking platform: A platform that enables users to connect with other professionals in their field, join groups and discussions, and attend virtual events and webinars.

5. Career coaching services: One-on-one coaching services provided by certified career coaches who help users identify their career goals, create action plans,

and navigate the job market.

6. Data analytics dashboard: A dashboard that provides users with real-time data on their job search activity, networking, and skill development progress.

Key milestones:

1. Planning Phase:
- Define project objectives and scope
- Conduct market research and analysis
- Develop a project plan and timeline
- Create a project team and allocate responsibilities
- Secure funding and resources

2. Design Phase:
- Develop a user-friendly interface and navigation
- Create wireframes and mockups of the platform
- Design a database structure and data model
- Develop the platform architecture
- Create visual designs and branding elements

3. Resource Listing Module:
- Identify relevant resources for career development such as courses, articles, and videos.
- Categorize resources and create a database of resources.
- Develop a search and filtering system to enable users to find resources.
- Implement a review and rating system for resources.
- Conduct user testing to ensure the module is user-friendly and meets the needs of users.

4. Testing Phase:

- Develop and execute a comprehensive testing plan

- Test the platform's functionality, usability, and performance

- Identify and resolve any bugs or issues

- Conduct user acceptance testing

- Ensure compliance with applicable regulations and standards

5. Hosting Phase:

- Select a hosting provider and configure server settings

- Deploy the platform on the selected hosting provider

- Conduct load testing and scalability testing

- Ensure that the platform is secure and protected from cyber threats

- Implement backup and disaster recovery measures

Constraints:

The following are the constraints for the Job-Board project:

1. Budget: The project must be developed within a given budget, which may limit the resources available for development, testing, and deployment.

2. Time: The project must be completed within a specified timeline, which may impact the scope and quality of the project deliverables.

3. Technology stack: The project must be developed using specific technologies, programming languages, and frameworks, which may limit the flexibility and scalability of the application.

4. Integration with third-party services: The project must integrate with various third-party services such as payment gateways, email providers, and hosting providers, which may pose technical challenges.

Estimated Capstone project Duration:

Given a duration of 2.5 months for the Job-Board project, the following is a proposed timeline for the project:

Week 1-2: Project planning and requirement gathering

Week 3-4: UI design and development

Week 5-6: Job search functionality and candidate matching algorithm development

Week 7-8: Resource search functionality and communication channel development

Week 9-10: Personalized job recommendation/resources and analytics/reporting development

Week 11-12: Testing, debugging, and deployment

Estimated Capstone project Cost: approximately INR 15,000.Which includes the following

- Development costs
- Hosting and infrastructure costs
- Third-party integration costs

Date: 8/3/2023

Signature of Team Members

1.

2.

3.

4.

Signature of Co-Heart Owner

Signature of Program Co-Ordinator   **Signature of Principal**