



SOEN 6011 – Summer 2023
Software Engineering Processes

“Career Services Platform”
Sprint 2 Documentation

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Contents

1. Project Description	3
2. Introduction to Team Members and Roles	3
3. Github Repository	4
4. Project Approach and Technologies	4
5. User Story of Sprint-2	4
6. User Story backlog of Sprint-3	5
7. Risk Identification	5

1. Project Description

The Career Services Application is an advanced and comprehensive online platform that caters to the needs of both job-seeking candidates and employers. With its robust system, students can create and regularly update their portfolios, ensuring that they present their skills and experiences in the most compelling way. Simultaneously, employers can effortlessly post job openings, reaching a wide pool of potential candidates.

By leveraging the platform's capabilities, users can efficiently search for and connect with relevant job opportunities and candidates. The system streamlines the job headhunting process by providing intuitive search functionalities and effective communication tools. Job seekers can customize their profiles according to market demands, showcasing their strengths and qualifications to stand out from the competition. On the other hand, employers can easily shortlist potential employees based on their specific requirements, saving time and effort in the hiring process.

Overall, the Career Services Application significantly enhances the job-seeking experience by offering tailored solutions for candidates and employers. It empowers candidates to customize their profiles, enabling them to effectively market themselves, while also providing employers with the tools to find and connect with the best-suited candidates for their organizations. With its user-friendly interface and comprehensive features, the platform revolutionizes the way job seekers and employers engage in the modern job market.

2. Introduction to Team Members and Roles

Sr No.	Name	Roles and Responsibilities
1	Anurag Agarwal	Scrum Master
2	Shrey Satish Agrawal	QA Analyst / Software Developer
3	Aksharkumar Yogeshkumar Patel	Lead Software Developer
4	Vidhi Vinodbhai Sagathiya	Product Owner
5	Sagar Sanghani	Software Architect
6	Karnik Shah	Design Analyst / Software Developer

3. GitHub Repository

<https://github.com/Sagar7421/Eureka-Soen6011summer2023.git>

4. Project Approach and Technologies Used

We focused on developing an advanced and user-friendly Career Services Application that caters to the needs of both job-seeking candidates and employers. Using cutting-edge technologies, the front end will be built using HTML, CSS, JavaScript, and ReactJS to ensure a seamless and intuitive user experience. The backend will be developed with NodeJS, providing robust functionality and efficient data processing. The database will be handled using MongoDB, allowing for scalable data storage and retrieval. Throughout the project, emphasis will be placed on streamlining the job headhunting process, empowering candidates to customize their profiles, and enabling employers to easily find and connect with the most suitable candidates, revolutionizing the job market experience.

Technology Used:

- Frontend: HTML, CSS, Javascript, ReactJS
- Backend: NodeJS
- Database: MongoDB

5. User Stories of Sprint-2

User Story	User Story #	Points
As a new user, I want to be able to register for an account on the platform so that I can access its features.	#1	5
As a registered user, I want to be able to log in to my account to access the platform's features.	#3	3
As an employer, I want to be able to create a profile for my company by entering relevant information.	#6	5
As an employer, I want to add job offers to my profile, including detailed descriptions.	#7	5
As an employer, I want to browse through candidate profiles and resumes to find suitable candidates for my job offers.	#8	5
As an employer, I want the ability to select candidates who have already applied for a job offer and shortlist them for interviews.	#9	5
As a student, I want to create a profile by entering my personal and professional details.	#10	4

6. User Story backlog for Sprint-3

User Story	Points
As a registered user, I want to receive a confirmation email after successfully registering for an account.	3
Forgotten Password As a registered user, I want to be able to recover my account if I forget my password.	5
As a student, I want to build/upload my resume to make it accessible to potential employers.	10
As a student, I want to track the status of my job applications to stay updated on my progress.	5
As an admin, I want to view a list of all user profiles registered on the platform.	3
As an admin, I want to be able to view the details of a specific user profile.	3
As an admin, I want the authority to delete user profiles.	2
As an admin, I want to have access to a dashboard showing all the current job postings on the platform.	2
As an admin, I want to have the option to remove job postings that are no longer relevant or violate platform guidelines.	2

7. Risk Identification

ID	Description	Probability	Impact
R1	Users might encounter difficulties in finding the registration link or button on the platform, leading to a frustrating user experience.	Medium	Low
R2	The login process might encounter technical issues, preventing registered users from accessing their accounts and platform features.	Low	High
R3	Employers might experience data entry errors or inaccuracies while creating their company profiles, leading to incorrect information being displayed.	Medium	Low
R4	Employers might forget to include essential information in their job offers, leading to incomplete or ambiguous postings.	Medium	Low

R5	Employers might have difficulty interpreting candidate information in resumes due to inconsistent formatting or layout.	Medium	Medium
R6	Employers might accidentally shortlist the wrong candidates due to a confusing or unclear user interface.	Medium	Low
R7	Students might accidentally submit incomplete or incorrect profiles, leading to potential misunderstandings with potential employers.	Low	Low

8. Risk Control

ID	Counter Measures
R1	Design an intuitive and prominent user interface with a clearly visible registration link/button. Conduct usability testing to ensure new users can easily find the registration feature.
R2	Conduct thorough testing of the login functionality during development and before release to identify and address potential issues. Implement robust error handling and user-friendly error messages to guide users in case of any problems.
R3	Implement data validation checks to ensure the accuracy and consistency of the information entered. Offer preview options or confirmation prompts before saving the profile to allow employers to review their entries.
R4	Implement mandatory fields and validation checks during the job offer creation to ensure employers provide all necessary details. Display reminders or prompts for required information.
R5	Encourage candidates to use standardized resume formats or provide guidelines for formatting. Implement parsing and data extraction techniques to ensure important information is captured accurately.
R6	Design a clear and intuitive user interface for shortlisting candidates, including prominent buttons and visual cues to minimize the risk of errors. Implement a confirmation step before finalizing shortlisted candidates.
R7	Implement a profile review and confirmation step before final submission, allowing students to double-check their details for accuracy and completeness.