

Software Requirements Specification (SRS) Document

Team- 27

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Brief Problem Statement

Enhance the frontend portion of the website by diagnosing and resolving issues in high-throughput web applications along with selecting a lighter framework to allow a lower loading time and then proceed with the backend.

Users profile

Companies (recruiters): The HR staff can look at the profiles of various developers, examine their hackathons and project codes, interview the prospects who made the short list, and make the appropriate hiring decisions. One can access this information directly from the website. The software and technology may be known to or unfamiliar to recruiters.

Developers (students, independent contractors, and people looking for full-time employment): Developers can build and deploy full-stack applications using any framework and interview for any jobs that companies are using the website to hire for. They can accomplish this on the main webpage. These users are experienced with technology and software.

Project Modules

Front-end Design: This module encompasses the design aspects of the product, including the use of Figma. The design of the user interface, layout, and animation are included in this module.

User Interface: This module handles the implementation of the front-end design into the product, using Framer Motion and CSS Tailwind. It deals with the creation and integration of user-facing elements, such as buttons, forms, and navigation menus.

These modules provide a high-level view of the different aspects of the project and help in organizing the requirements. By breaking down the project into smaller modules, it becomes easier to manage and prioritize tasks, as well as delegate responsibilities among team members

Feature Requirements (Described Using Use Cases)

Module 1: Front-end design module

Submodules:

i) Animation

ii) Layout

Feature Requirements:

i) *Animation:*

- Smooth transitions between pages

Description: The transition between different pages on the dashboard should be smooth and visually appealing.

- Lightweight animations

Description: When a page is loading, a heavy framework causes it to be slow and thus renders a skeleton before the full fledged page, using a lightweight framework handles that as it is significantly faster and easier to load.

ii) *Layout:*

- Responsive design

Description: The layout of the dashboard should be responsive and adjust to different screen sizes and resolutions.

Module 2 : User Interface Module

Sub modules:

i) Interactive components

ii) User Testing

Feature Requirements:

i) *Interactive Components:*

- Optimization of forms

Description: There should be a quick rendering of the form and to this end, figure out an efficient way of using React components.

- Navigation Menus

Description: Similarly, navigating to the pages provided in the menu should be effortless. To facilitate this, explore more javascript libraries.

ii) User Testing

- Feedback analysis

Over the course of the development phase, we will debug the codebase according to the issues encountered by the users