

Software Product Vision

1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of Elevated Network. It focuses on the capabilities needed by the stakeholders, and the target users, and **why** these needs exist. The details of how the Social Networking System fulfills these needs are detailed in the use-case and supplementary specifications.

1.1. References

[1] Edwards, S (2016, May 24). *The Pros and Cons of Popular Job Sites*. Inc. Magazine. Retrieved January 18, 2023, from <https://www.inc.com/samuel-edwards/the-pros-and-cons-of-popular-job-sites.html>

2. Positioning

1.1. Problem Statement

The problem of	Networking has to be done in person and finding available jobs without connections is difficult.
affects	product owner who wants to facilitate this issue.
the impact of which is	That job seekers are unable to connect with other peers and find job opportunities.
a successful solution would be	Create an online platform to allow users to post job opportunities and network more efficiently.

1.2. Product Position Statement

For	Recruiter and Job-Seekers
Who	want to connect with peers from their field of work
Elevated Network	is a software application product
That	allows users to network to find jobs or employees.
Unlike	the current state of the job market which requires that they meet other professionals in person.
Our product	lets users promote themselves online, notifies them when jobs in their interest occur, and lets them browse for jobs as well.

3. Stakeholder and User Descriptions

3.1. Stakeholder Summary

Name	Description	Responsibilities
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Product Owner	client who wants this web application to be made	<ul style="list-style-type: none"> check and agree with requirements of application
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3.2. User Summary

Name	Description	Responsibilities	Stakeholder
Job seeker	makes connections to obtain job opportunities	uploads job information about themselves, invite users to the network, applies for jobs	self-represented
Administrator	manage the system application	review and moderate the application	Product owner
Recruiter	post jobs for job seekers to apply to	manage job opportunities, advertise jobs hosted on third party platforms	self-represented

3.3. User Environment

- Recruiters will require a browser-enabled device to manage job opportunities like job posting removal of adverts, set or change deadlines for submissions etc.
- Job-Seekers will be expected to have a browser-enabled device for viewing content and defining preferences for job search and are expected to have a device capable of receiving notifications in order to inform them of activities and postings they want to see.
- Administrators will need a browser-enabled device to view profile content from users and edit their role, moderate content from other types of users.
- System platform in use today windows, mac os and in the future linux.

3.4. Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions
Job preference	Medium	volume levels	none	make clear options to choose for users to filter out the exact jobs they want to see in their alerts
Job posting	High	security issue	none	Review job postings are legal and ensure that third party links are from pre approved sites.
DM moderation	Medium	privacy issue	none	inform users that moderation will happen within legal extent
Network Invitation	High	app usability	none	users can choose to accept or deny and can quit networking with others without alerting them

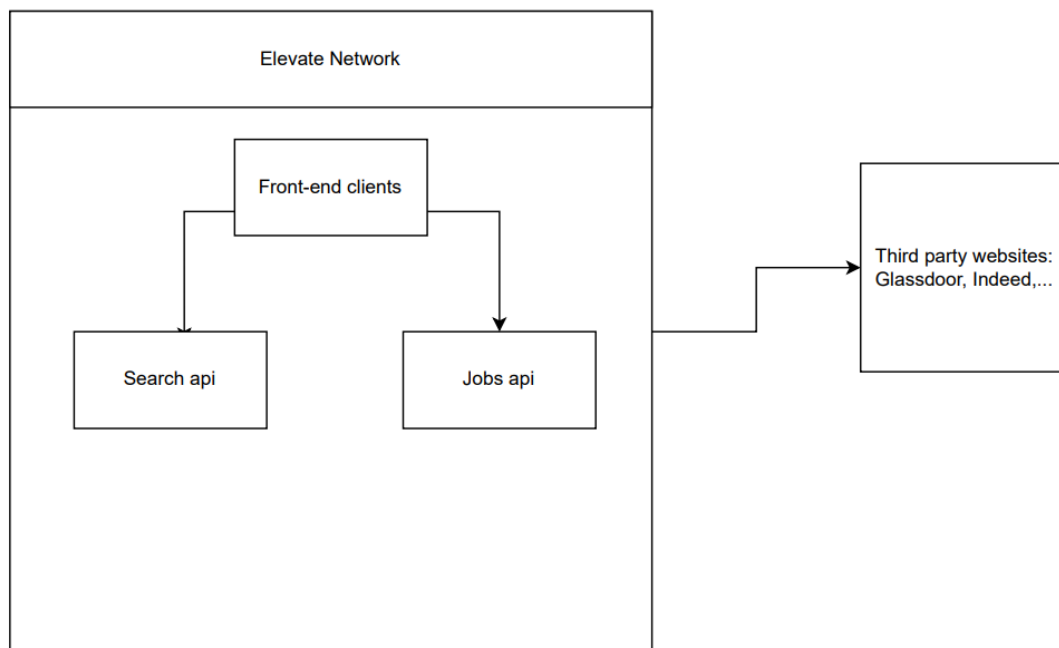
3.5. Alternatives and Competition

- Elevated Careers [1]
Strengths: algorithm connects searchers with positions by skills, culture, and personality.
Weaknesses: The site's demands a lot of input from the user. The user must go to the profile builder area and answer many questions, after submitting their resume.
- Monster [1]
Strengths: has a feature that restricts the user's resume from chosen employers for privacy
Weaknesses: the presence of spam and redundancy.

4. Product Overview

4.1. Product Perspective

This product is a component of a larger system handling links from job postings from external applications on third party websites while also having job postings within it.



4.2. Assumptions and Dependencies

This system is made with firebase as the database assuming it will be able to handle the amount of data. This system is made assuming that users will not need any external downloads as it is all built in. This system is made assuming that third party websites can be accessible with ease. This system is made assuming that a certain level of operating system needed and older models will not show the same functionality, in our case that is windows 10 and mac os catalina.

5. Product Features

5.1 Logon

Users of the application shall provide a valid ID and password for entry to their account.

5.2 Create User Profile

Users of the application shall create their user profile by filling up fields such as their name, education, work, list of connections, bio, volunteering, skills, recommendations, courses, projects, awards, languages.

5.3 Network handling

Users can invite, accept and refuse to join a network. At any time, a user can leave the network.

5.4 Direct Messaging

Users can message other users. They can also send files over chat.

5.5 Job posts management

Recruiters can manage their own posting: add and remove job posting, change deadlines, etc. They can also specify which documents are mandatory for the application.

5.6 Job search filter

Users can specify their job interest to obtain job opportunities that fit their preferences.

5.7 Third-party platforms

Recruiters can link a third-party platform job offer.

6. Other Product Requirements

Environmental Requirements:

- have internet connectivity well enough to view the site

Hardware requirements:

- have enough memory to run the browser and view the website
- have a good display

Software requirements:

- at most 1 second response time
- can work with latest and last major version of the most used browser such as microsoft edge, firefox, safari and chrome
- windows 10 needed or mac os catalina as operating system

Design constraints:

- target audience
- performance
- scalability

External constraints:

- budget
- deadlines
- technology

Priority of other product requirements: we want to focus primarily on stability to have a system that users can rely on to work with as little disruption as possible.