

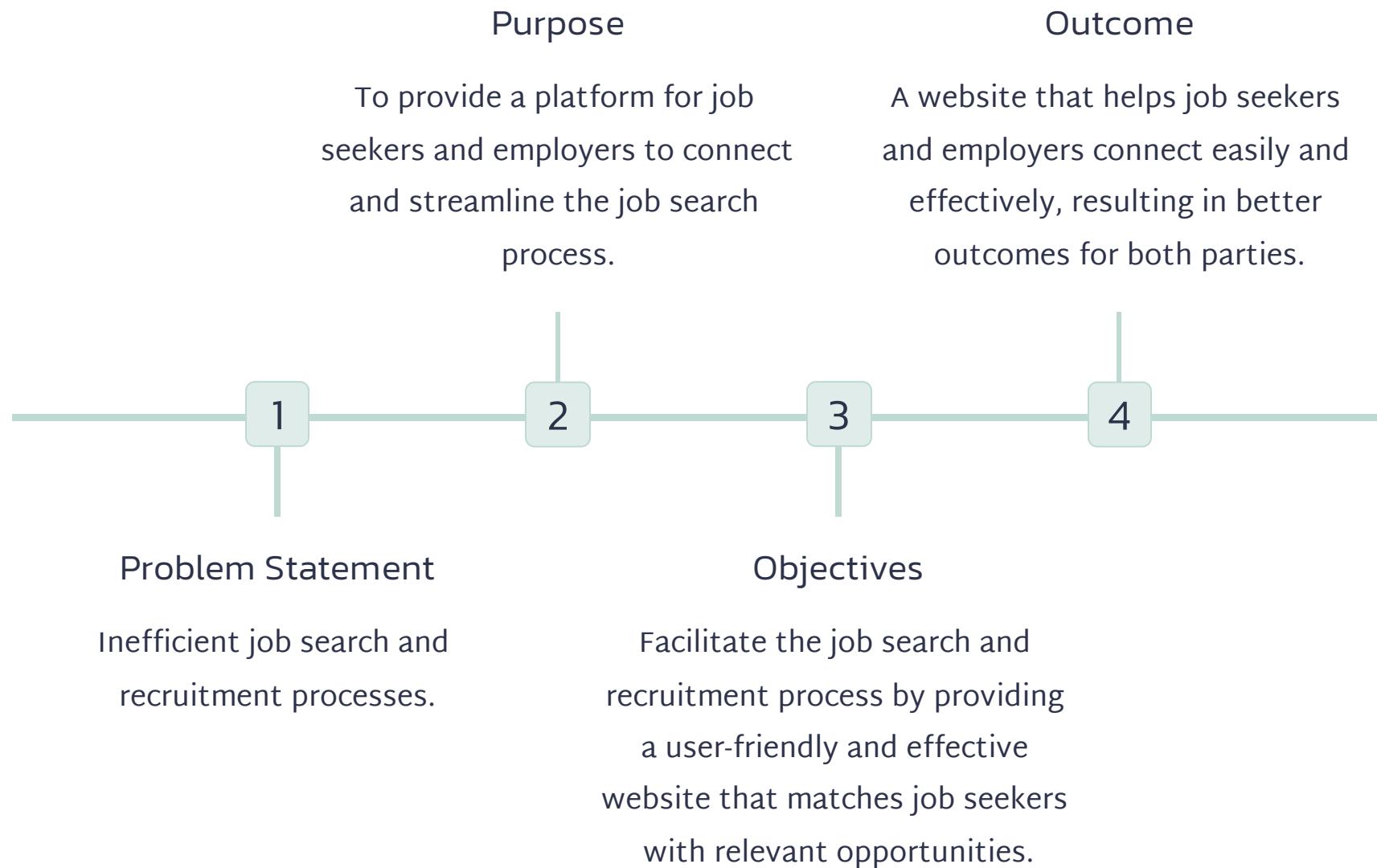
Building a Job Board Website: Graduation Project Presentation

Welcome to our graduation project presentation for the Faculty of Computers and Information. Our project is a job board website.

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Purpose and Objectives



Analysis and Planning

Market Research

Conducted research on top job board websites, analyzed their features and limitations, and used this information to identify our key differentiators and develop a unique value proposition.

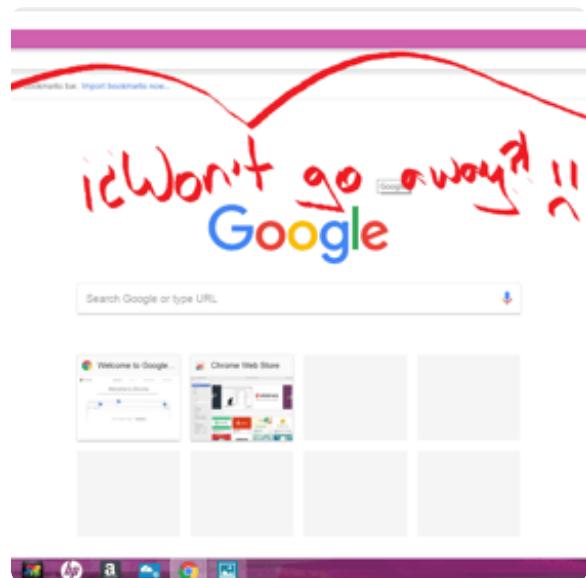
Wireframing and Prototyping

Created mockups of website design using Figma and validated the design through user testing and feedback to ensure optimal user experience.

Project Management

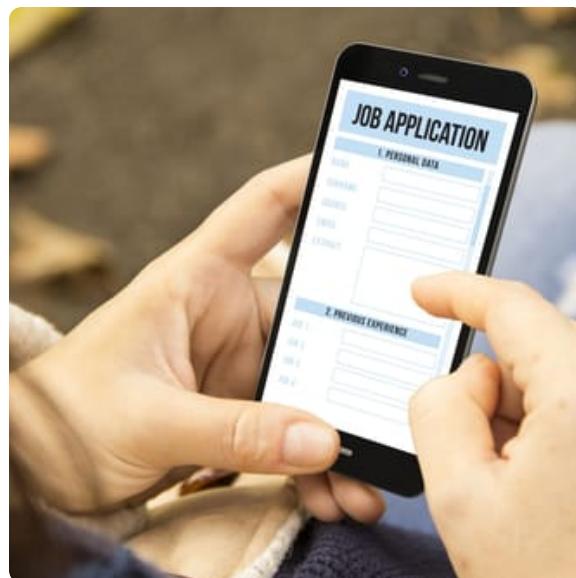
Used agile methodology to break the project into sprints and set achievable goals, allowing us to prioritize and deliver features efficiently.

Features of the Job Board Website



Advanced Search Capabilities

Filter jobs by location, job type, salary, and more.



Mobile-Responsive Design

Access the website from anywhere on any device.



Resume Builder and Storage

Create, upload, and store resumes within the website.



Easy Application Process

Apply to jobs easily with one-click job applications, and track application status.

Challenges and Solutions

1 Challenge

Lack of job postings and user activity at the early stage of the website.

2 Solution

Partnered with local businesses to promote job postings and incentivized users to sign up by offering rewards for referrals.

3 Challenge

Difficulty in implementing automated application screening.

4 Solution

Developed an algorithm that automatically matches job seekers' resumes and skills with available job postings based on keywords and qualifications.



Technologies and Tools Used in Development

Front-End

- HTML
- CSS
- JavaScript
- Bootstrap
- React

Back-End

- Node.js
- Express.js
- MongoDB
- Postman
- JWT for Authentication

Design and Project Management

- Figma
- Trello
- Jira
- GitHub
- Agile Methodology

Demo and Future Enhancements

1

Demo

Present a demo of the website's features and provide a walkthrough of the user interface for stakeholders.

2

Future Enhancements

Introducing a chatbot feature for better customer support, partnering up with other job sites to increase the pool of job postings, and incorporating video interviews in the application process for select opportunities.

Implementation

User-Friendly Interface	✓
Clean Code with Comments	✓
Mobile Responsiveness	✓
Effective Job Matching Algorithm	✓
Secure User Authentication	✓
Backend Development and Database Integration	✓
Deployment and Hosting	✓

Thank You!

Thank you for joining us today to learn about our job board website.
We hope our project has inspired you to be more innovative and
creative in your own pursuits.

