**WORKLY RECRUITMENT**

**Team Members:**

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**\*\*Executive Summary\*\***

**Workly Recruitment is developing a full stack application to help job seekers and employers connect. Our website will feature a simple interface that allows job seekers to easily write and upload a professional resume that stands out to potential employers. Employers will be able to browse resumes and post jobs, and candidates will be able to filter job searches by location, salary, and position requirements. We will also include a built-in scheduler for newcomers to Canada to consult about their career abroad or in their new country.**

**Our tech stack includes React for the frontend, serverless with NestJS for the backend, MySQL (PlanetScale) for the database, and AWS EKS for deployment. We will use Notion as our project management tool.**

**The budget and timeline for this project are still being determined.**

**\*\*Problem Statement\*\***

**Finding a job can be a challenging and time-consuming process for job seekers, and finding the right candidate can be equally challenging for employers. Workly Recruitment aims to address this problem by developing a full stack application that connects job seekers and employers. Our website will provide tools for job seekers to easily create and upload professional resumes, and for employers to browse resumes and post jobs. By streamlining the job search and hiring process, we hope to make it easier for job seekers to find employment and for employers to find the right candidates.**

**\*\*Project Description\*\***

**Workly Recruitment is developing a full stack application to connect job seekers and employers. Our website will feature a simple interface that allows job seekers to easily write and upload a professional resume that stands out to potential employers. Employers will be able to browse resumes and post jobs, and candidates will be able to filter job searches by location, salary, and position requirements. We will also include a built-in scheduler for newcomers to Canada to consult about their career abroad or in their new country.**

**Our tech stack includes React for the frontend, serverless with NestJS for the backend, MySQL (PlanetScale) for the database, and AWS EKS for deployment. We will use Notion as our project management tool. This project involves web development, cloud computing, and database development.**

**Methodology**

For the development of our full stack application, we suggest using an Agile methodology with sprints and scrum. This approach will allow us to iteratively develop and test features, gather feedback from stakeholders, and make adjustments as needed. We will begin with a detailed design phase that includes requirement analysis and planning. During this phase, we will work closely with stakeholders to understand their needs and priorities and develop a plan for the project.

During the development phase, we will work in sprints to develop and test features. Each sprint will include a planning meeting, daily stand-up meetings, and a sprint review at the end to gather feedback from stakeholders. We will use Notion as our project management tool to track progress and manage tasks.

This approach will allow us to be flexible and responsive to changing requirements and priorities while ensuring that we deliver a high-quality product that meets the needs of our stakeholders.

**Project Deliverables**

* A full stack application that connects job seekers and employers
* A simple interface for job seekers to easily write and upload a professional resume
* Tools for employers to browse resumes and post jobs
* A search feature for candidates to filter job searches by location, salary, and position requirements
* A built-in scheduler for newcomers to Canada to consult about their career abroad or in their new country
* Online registration for jobs
* A tech stack that includes React for the frontend, serverless with NestJS for the backend, MySQL (PlanetScale) for the database, and AWS EKS for deployment
* Notion as a project management tool

The final product will be owned by Workly Recruitment

suggested business rules:

* The application will have two types of users: job seekers and employers.
* Job seekers will be able to create and upload resumes using the resume builder or by uploading an existing resume.
* Employers will be able to create a free account by providing their company information.
* Employers will be able to browse resumes and post jobs through a dedicated dashboard.
* Candidates will be able to filter job searches by location, salary, and position requirements.
* A built-in scheduler will be available for newcomers to Canada to consult about their career abroad or in their new country. Available and unavailable slots will be clearly indicated.
* Online registration for jobs will be available through a registration form.

These business rules define the basic functionality and behavior of the application and provide a framework for its development.

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| User | | Resume |

|------------| |------------|

| - id | | - id |

| - name | | - user\_id |

| - email | | - content |

| - password | +------------+

| - type | |

+------+-----+ |

| |

| |

+------v-----+ |

| JobPost | |

|------------| |

| - id | |

| - user\_id | |

| - title | |

| - location | |

| - salary | |

+------+-----+ |

| |

| |

+------v-----+ |

| Meeting | |

|------------| |

| - id | |

| - user\_id | |

| - date | |

| - time +------------+

+------------+

This ERD shows the relationships between the different entities in the application. The User entity represents both job seekers and employers and has a type attribute to distinguish between the two. The Resume entity is associated with a User through the user\_id attribute. The JobPost entity is also associated with a User through the user\_id attribute. The Meeting entity represents scheduled meetings and is associated with a User through the user\_id attribute.