

Florida International University

Spring 2023 Senior Design Project

InternHub

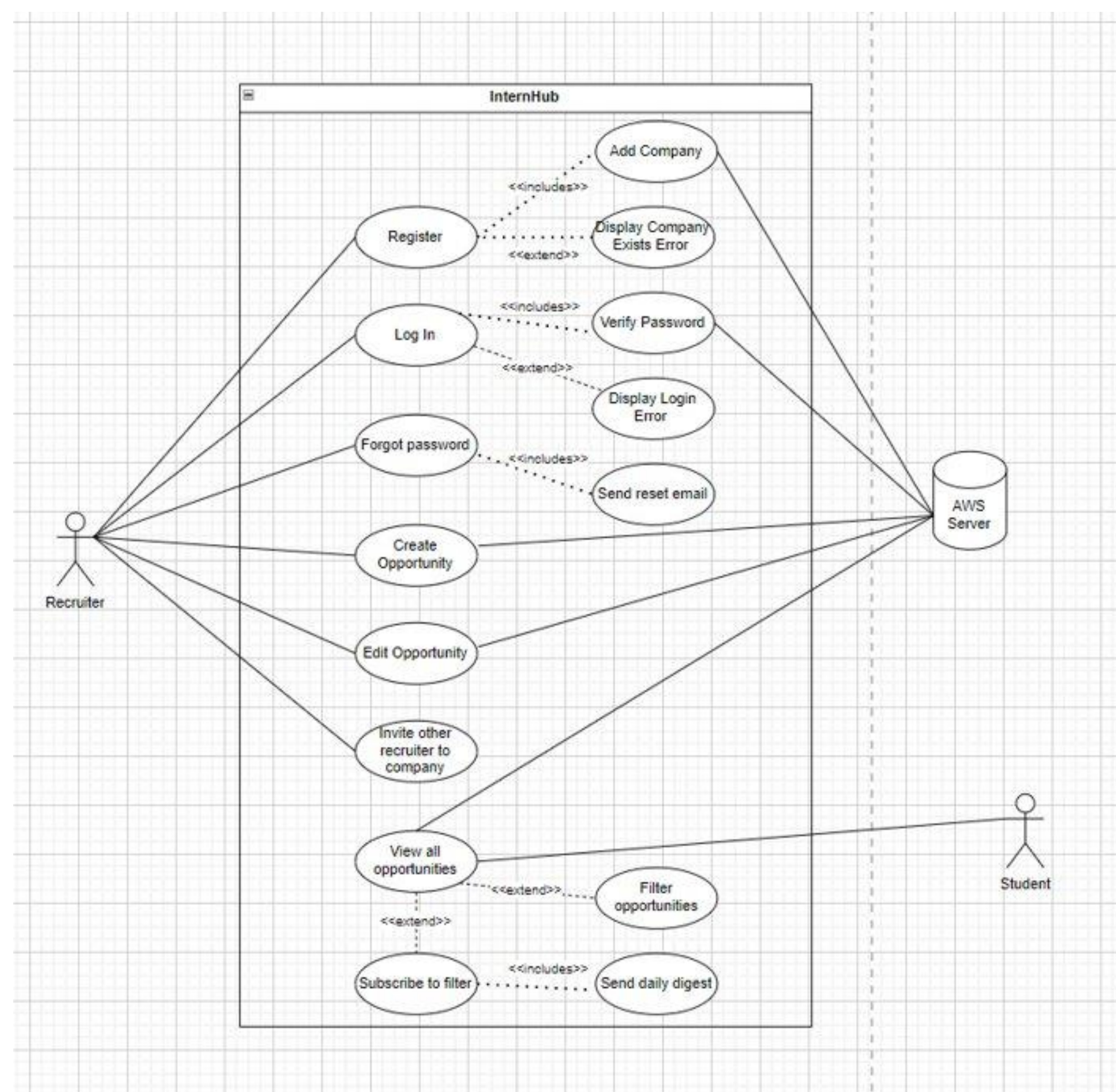
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Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University

PROBLEM

Getting an internship is vital for computer science students to develop their skills and be well prepared for the workforce. Our project idea is to leverage our knowledge of AWS to create a job board catered to computer science students, where they will be able to easily find and apply for internships.

OBJECT DESIGN



VERIFICATION

- Implemented secure authentication system using Laravel Sanctum.
- We wrote tests for each feature implemented.
- Tested the platform in our local machines, and in production.

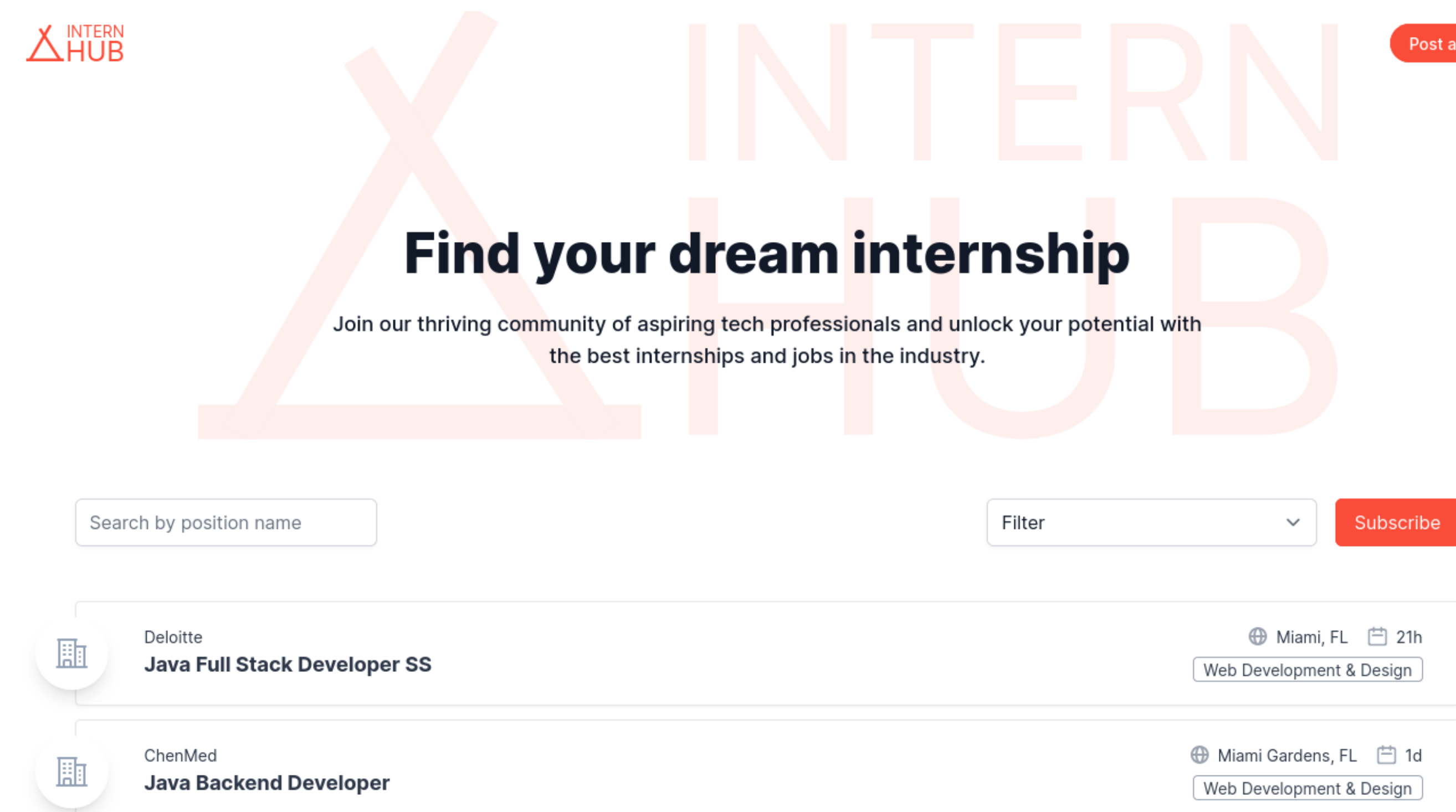
ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Dr. Masoud Sadjadi. I thank Dr. Masoud Sadjadi for his assistance and mentorship that I received throughout the senior design project.

CURRENT SYSTEM

Our system has a login/register page for recruiters to create an account, along with a forgot password page. With an account, recruiters gain access to a private opportunities page to post and edit listings. Students can view these listings on the public all-opportunities page, filter and search for listings, and subscribe to filters for daily email notifications on new listings.

SCREENSHOTS



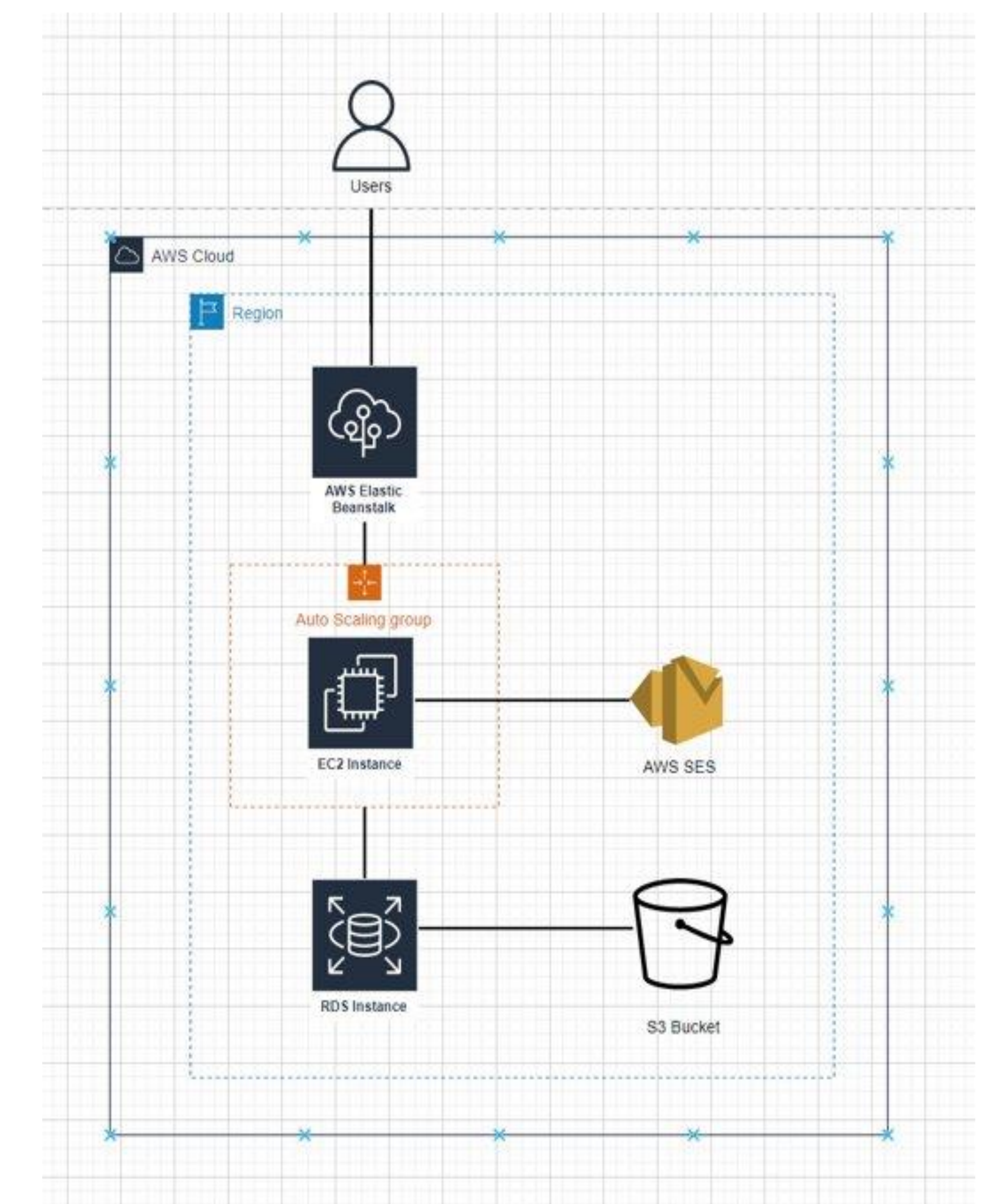
SUMMARY

- Helped build the platform using Laravel as our framework.
- Added optimized queries for fast and scalable job search.
- Tweaked front-end code to make it mobile friendly.
- Optimized database connections for scalability of information.

REQUIREMENTS

- Implement secure login system.
- Create easily navigable public dashboard.
- Make a responsive UI.
- Build scalable code infrastructure.

SYSTEM DESIGN



IMPLEMENTATION

