

PROBLEM

There are multiple sites that allow its users to view jobs in their fields and share their profile with companies (i.e. LinkedIn, Handshake,..Etc..), however there are not many websites that are exclusively for aviation. Additionally those that do are often lacking in common features from popular job sites like those listed above.

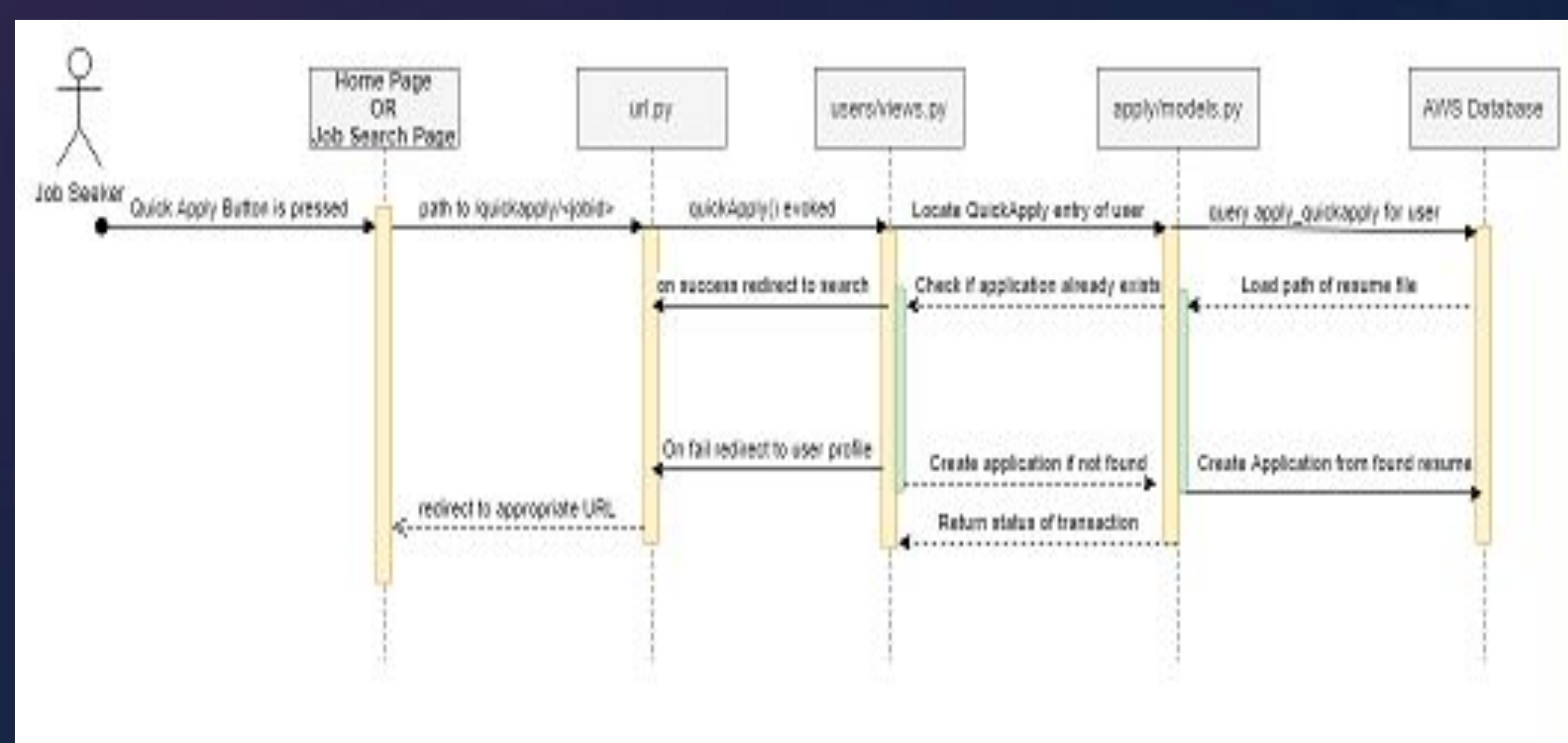
CURRENT SYSTEM

- Users can sign up and setup their profile
- Employers can post jobs and edit their profile
- Jobs can be viewed and searched by the user.

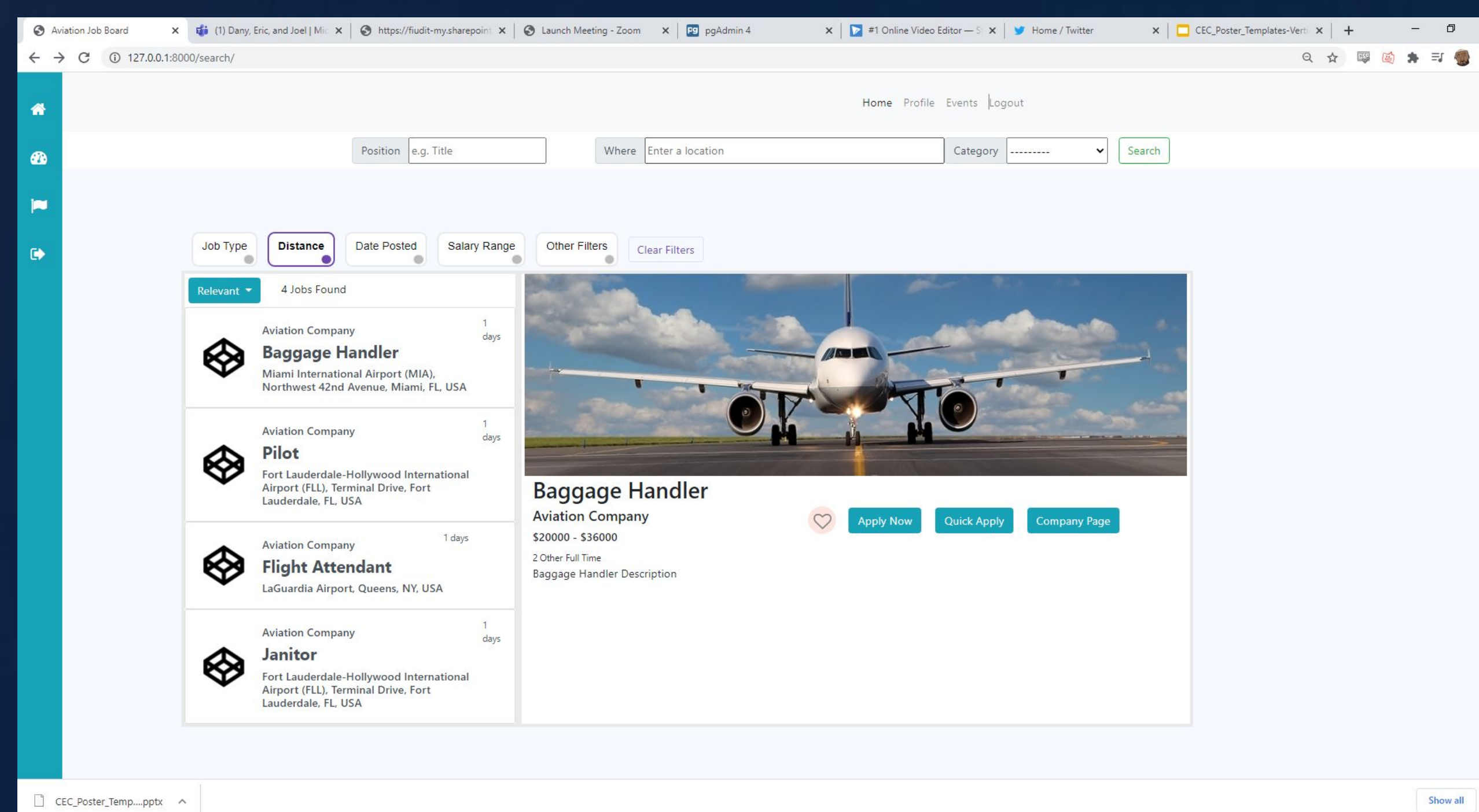
REQUIREMENTS

- Portal must allow jobseekers and employers to create and maintain profiles
- Jobseekers should be able to build their profile via resume parsing
- Employers should be able to post jobs and jobseekers should be able to apply to them only having to upload their resume

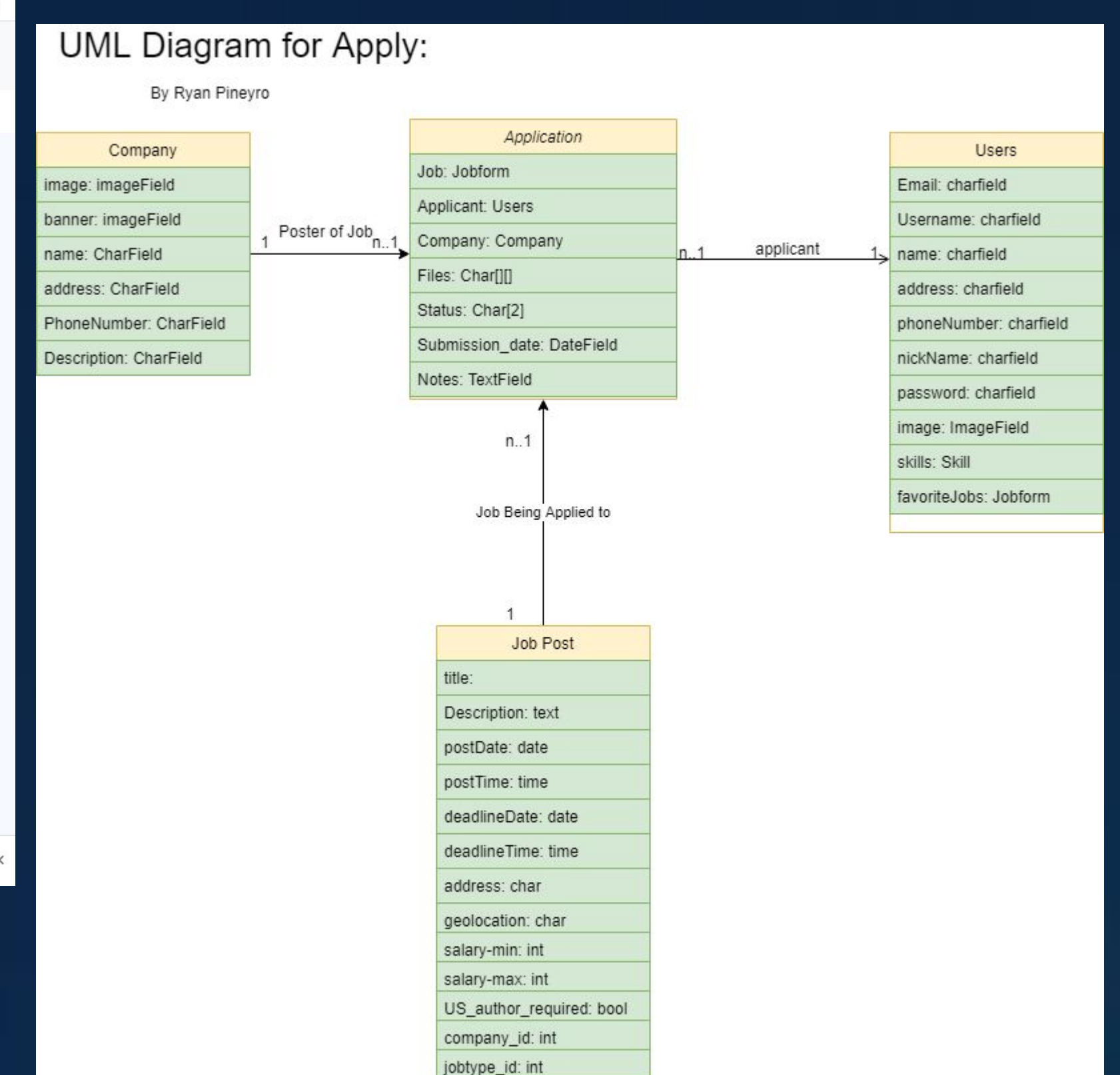
SYSTEM DESIGN



SCREENSHOT



OBJECT DESIGN



SUMMARY

Our website allows job seekers to customize their user profile manually or with the assistance of a resume parser. Job seekers are able to search, filter and apply for any job that catches their eye. In addition, Employers are able to customize their company profiles, post job postings, search for users and review applications.

VERIFICATION

A set of mock data for job posts and users (of both job seeker and employers) were manually loaded into the database to test all user cases that involve interaction with job posts and user privileges. The website's parser was tested manually with mock resumes.

IMPLEMENTATION

- Python 3.8
- Django
- HTML5, CSS, SASS, JavaScript, jQuery, Bootstrap for Front-End
- PostgreSQL Database hosted on an Amazon Web Service (AWS) Server for Back-End