Implementation Of Open-Source Systems

Project

JobFinderIOSS

Students

Murat Useini 191546

Hana Hasanicaj 191511

Lorik Klenja 191530

Contents

1. Introduction

Finding jobs that best suit the interests and skill set is quite a challenging task for the job seekers. The difficulties arise from not having proper knowledge of the organization's objective, work culture and current job openings. In addition, finding the right candidate with the desired qualifications to fill their current job openings is an important task for the recruiters of any organization.

For improving the recruitment process *JobFinderIOSS* system will be created for improving job seeker/providing experience and application is going to provide an opportunity for candidates to search out specified jobs. Besides, opportunities will be there for the organizations to recruit the most efficient employees for their company.

1.1. Purpose

The purpose of this document is to describe the Software Requirements Specification (SRS) of the proposed Application. This document provides a complete understanding of what is to be expected from the application. Clear understanding of the application and its functionalities will allow for the correct software to be developed for the end users which in this case end users are Job seekers.

1.2. Project Scope

This SRS document captures all the requirements in a single document. *JobFinderIOSS* that is to be developed provides users with jobs information, online applying for jobs and many other functionalities.

2. Overall Description

The main aim is to develop a fully functional system where job seekers can apply for jobs, and employers can post their jobs and admin can make these things happen by recruiting people. It will include different processes like database creation, website creation, documentation, architectural design, testing etc.

2.1. Product Perspective

JobFinderIOSS is a tool to be used by companies/agencies to improve the efficiency of business. The Application provides jobs list and information to users and help them decide on the jobs to apply. The admin can keep the jobs list updated all the time so that users which in this case users can be job seekers and the companies/agencies get the updated information all the time.

2.2. Product Features

- Searching for a job function
- Building your profile
- Build an online CV.
- Upload CV
- Upload user pictures
- Applying to jobs
- Saving jobs in my jobs section
- Easy to navigate user interface.
- Advanced search by (skills, technology, etc.) for recruiters
- Creating job posts
- Editing job posts
- Viewing applicants for the specific job
- Deleting job posts
- Creating job categories
- Control over users of the system (view, delete, edit, create)

2.3. Assumptions and dependencies
- The users of the system have basic knowledge of using computer systems.
- The computer should have a stable internet connection.

2.4. Operating Environment
In order to access *JobFinderIOSS* users of the systems should have a computer which has a web browser (Google Chrome, Mozilla Firefox, Safari, etc.) and capable hardware for smooth user experience.

3. Product Functions
JobFinderIOSS provides real time information about the jobs available in the companies/agencies and the user information. The functions of the system include the system providing different types of services based on the type of users.

- Users should be provided with updated information about the job/job list.
- Users can view his/her account information.
- Users can edit his/her account information.
- Users can register a new account.
- Users can login to his/her account.
- Admins of the system can see all job list.
- Admins of the system can add/delete the jobs available in the job list.

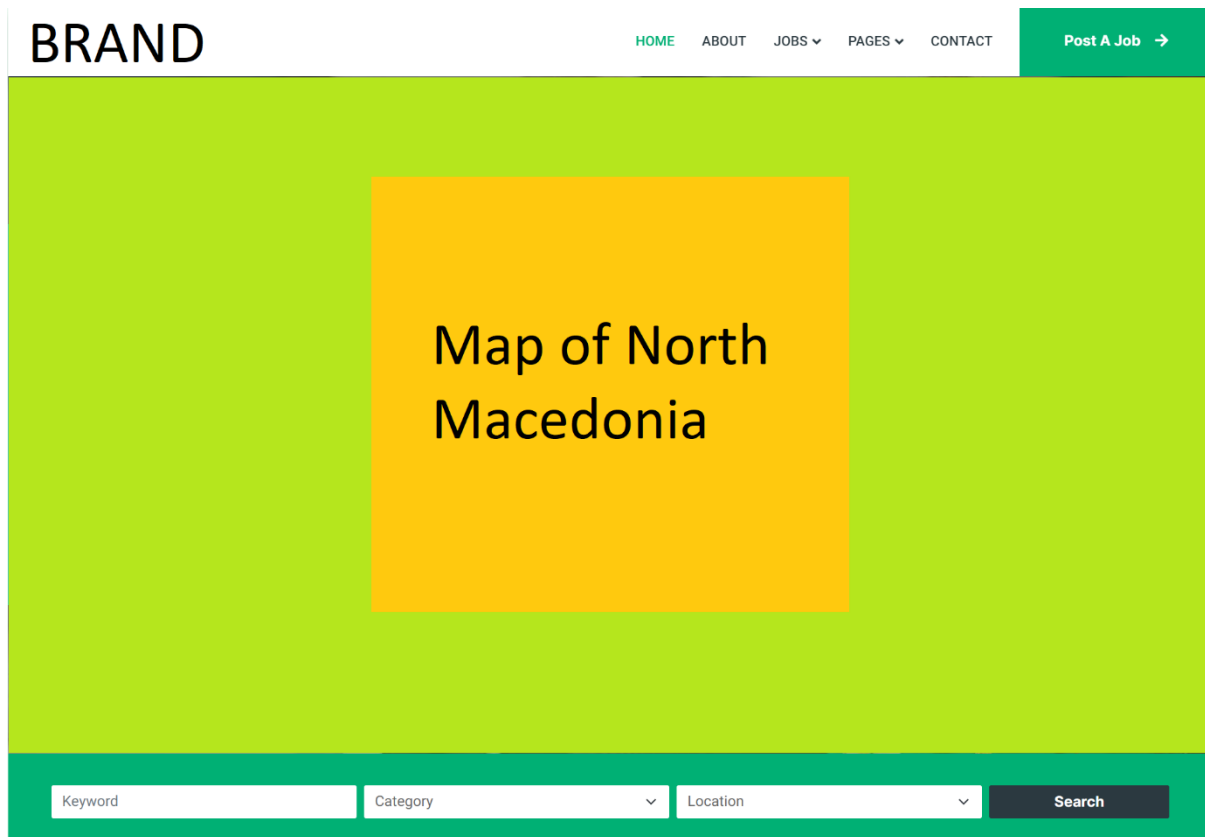# 4. External Interface Requirements

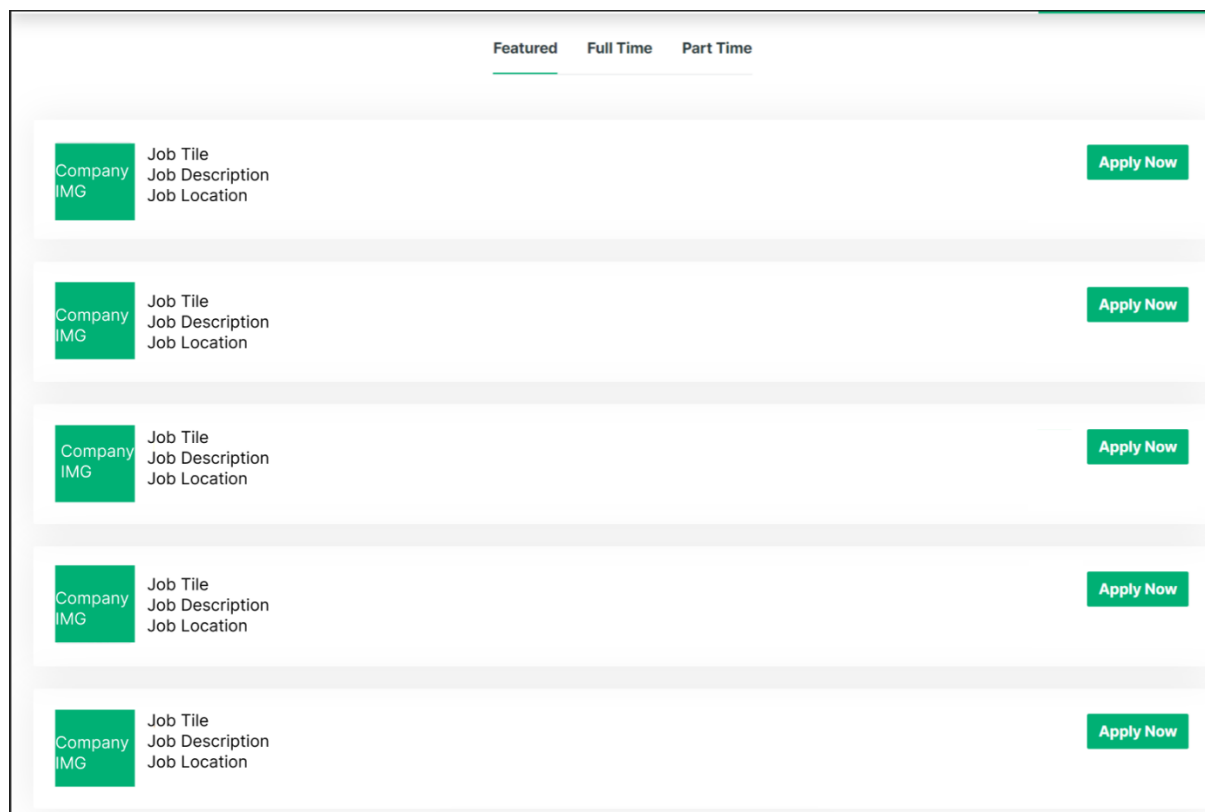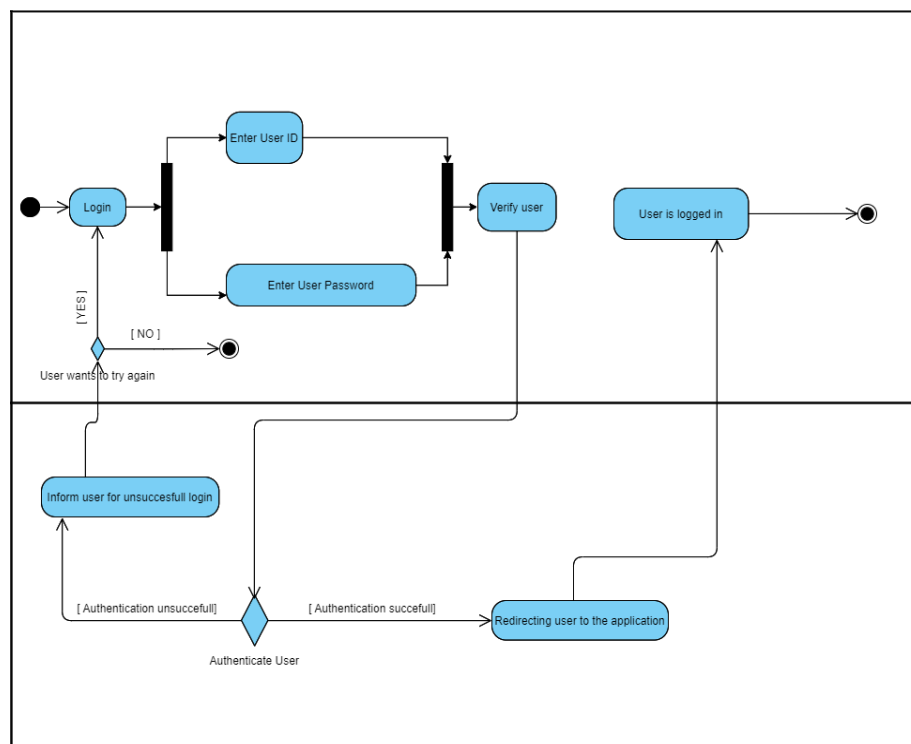## 4.1. User Interfaces

Fig. 1 Home Page
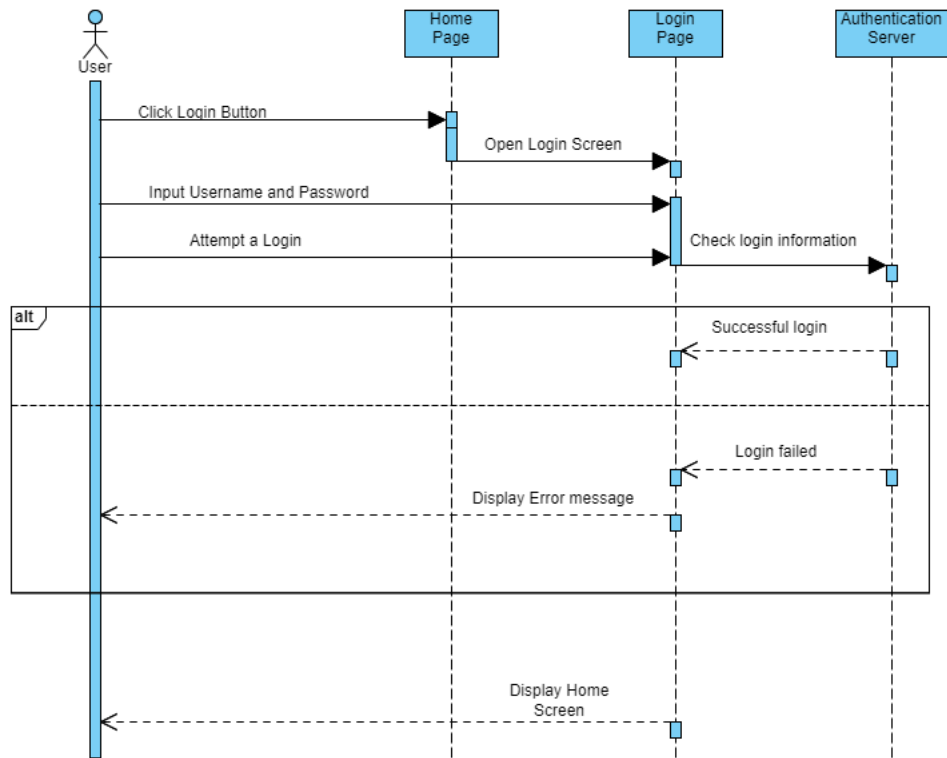

Fig. 2 Job List

5. User Characteristics

The Users of the system are members and the admin who maintain the system. The members are assumed to have basic knowledge of computers and internet browsing. The admin of the system to have more knowledge of the internals of the system.
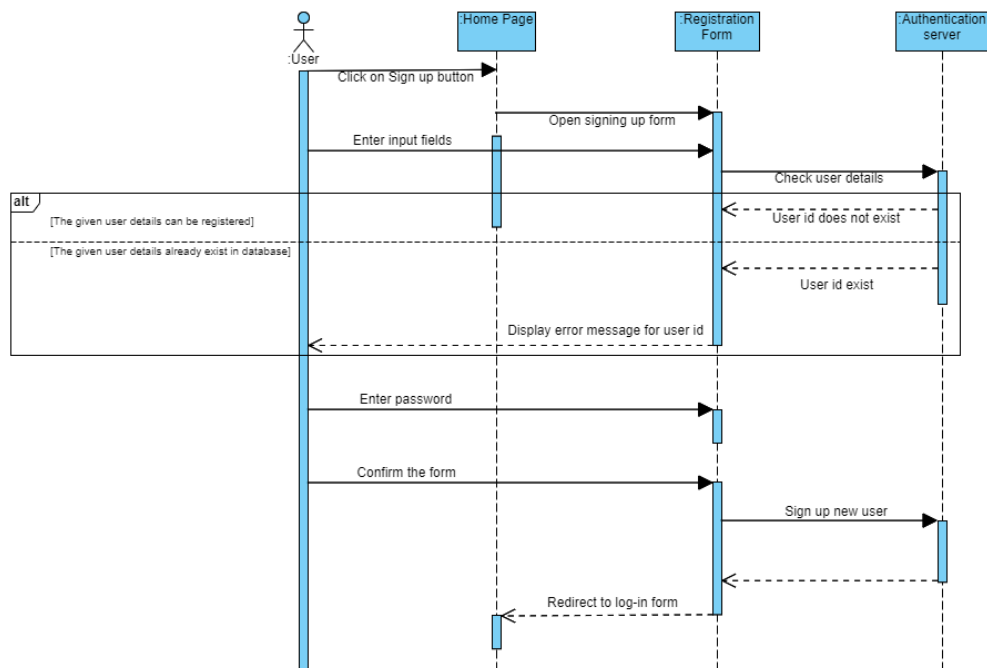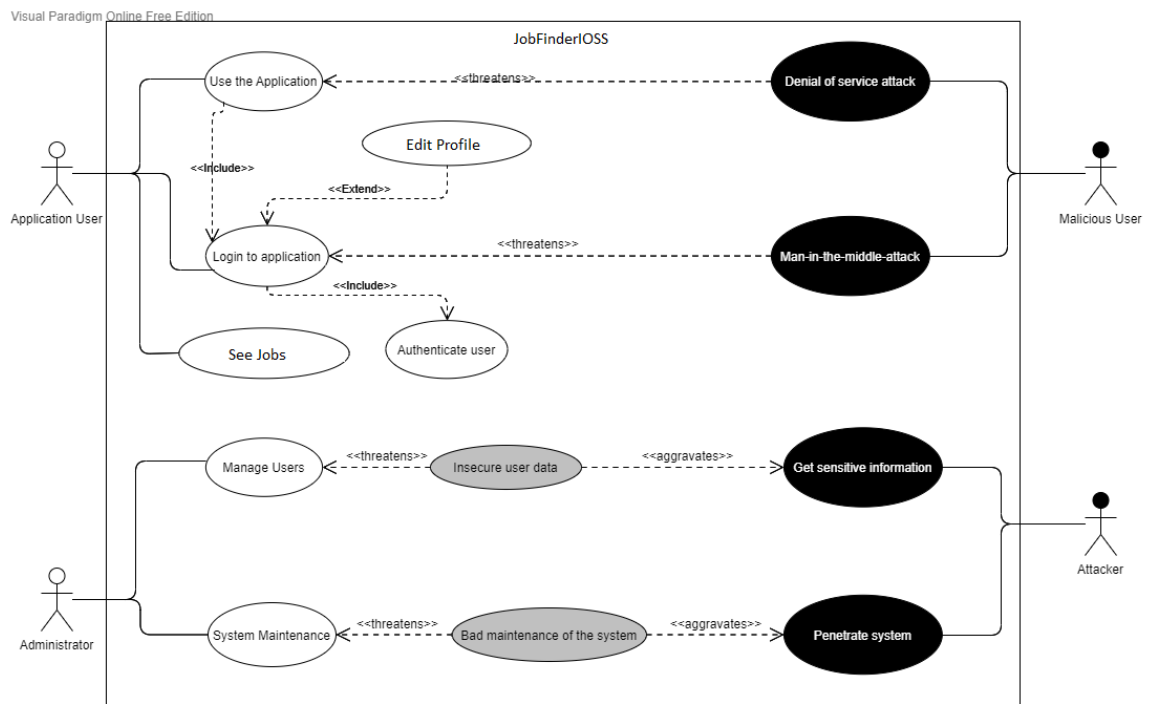
6. System Features

Activity diagram 1

Sequence diagram 1

Sequence diagram 2

Misuse case diagram 1

7. Other Non-Functional requirements

7.1. Performance requirements

Application should be loaded within seconds. The access time for a mobile device should be less than a minute. The system shall respond to the user in not less than 3 seconds from time if the request. The system shall be allowed to take more time when doing large processing in background.

7.2. Reliability requirements

The system must be very reliable due to the importance of data. The system should be available 100% for the users and is used 24 hours a day 365 days a year. The system shall be operational 24 hours a day and 7 days a week.

7.3. Usability requirements

The system shall allow the users to access the system from the internet using a browser. Since all users do have basic knowledge of the Computer/mobile device it is not required training for using the system.