A picture containing graphical user interface

Description automatically generated

E-RecRuitMent

Software Requirement Specification

|  |  |
| --- | --- |
| Group 8 | |
| Group members | Lê Đăng Khoa – SE161404 (Leader)  Lồ Quang Thắng – SE161691  Nguyễn Đức Toàn – SE161748  Trần Võ Hoàng Trọng Ân – SE161696  Lê Quang Phú – SE161731 |
| Supervisor | Nguyễn Thị Cẩm Hương |

– **Ho Chi Minh City, March 2023** –

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# 1. Project Introduction

## 1.1. Overview

**Project Information**

* Project name: E-recruitment
* Group name: Group 8
* Software type: Web Application

**Project Team**

* **Supervisor**

|  |  |  |
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| Full Name | Email | Title |
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* **Team members**

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## 1.2. Purpose

E-recruiment is a web application that supports businesses or organizations manage the recruitment process efficiently and save time. Specifically, this app will help digitize the recruitment process directly on the internet. This will make it easier for job seekers and those responsible for recruitment to avoid the hassle of traveling, while also saving time and costs for individuals and organizations.

## 1.3. Scope

This application allows users to mange the information relating to recruiment processing such as: candidate information, job positions informations, recruitment process, interview steps, and other documents.

In addition, the E-recruitment application can also provide other supporting features such as automatic email sending to candidates, scheduling interviews, automatic candidate filtering, generating reports and statistics on the recruitment process, and other features to improve the efficiency and quality of the recruitment process.

## 

# Overal Description

## Application Overview

**2.1.1. User Requirements**

Actor interacting with application. Users can access some following functions:

* + - * **View Job Posting**
      * **Login**

**2.1.2. Guest Requirements**

Guests are users who **have not been authenticated** to the system. They only have limited access the following functions:

* + - * View Job Posting
      * Login

**2.1.3. Authenticated User Requirements**

**Authenticated Users** are **users** who **have been authenticated** to the system through login. They can use almost access to all functions .

* **Edit profile**
* **Logout**

**2.1.4. Department Requirements**

Departments are **authenticated users** with “**Department**” role . They can access to the following functions:

* **Post Job Posting**
* **View own Job Posting**
* **Delete Job Posting**

**2.1.5. Candidate Requirements**

Candidates are **authenticated users** with “**Candidate**” role . They can access to the following functions:

* **Submit Job Application**

**2.1.5. HR Employee Requirements**

**HR Employees** are **Authenticated Users** who have been authenticated to the system throughing **login** with “**HR Employee**” role . They can access to the following functions:

**2.1.6. Interviewer Requirements**

**Interviewers** are **authenticated users** who have been authenticated to the system throughing **login** with “**Interviewer**” role . They can access to the following functions:

**2.1.7. HR manager Requirements**

**HR manager** is **authenticated user** who have been authenticated to the system throughing **login** with “**HR manager**” role . They can access to the following functions:

**2.1.8. Admin Requirements**

**Admins** are a**uthenticated users** who have been authenticated to the system throughing **login** with “**Admin**” role . They can access to the following functions:

## Business Rules

|  |  |
| --- | --- |
| ID | Rule definition |
| BR-1 | Specific rules about posting job postings such as Job Title(Job Name Position), Experience requirement, Salary, Welfare,… must be completed and accurated |
| BR-2 | Collecting information, organizing and storing candidate profiles must be fast as posible and security |
| BR-3 | Departments only post Job Posting that Job Title suitable for them |
| BR-4 | Job Posting must be accepted by HR employee |
| BR-5 | HR employee must send email for Interviewer about interview schedule |
| BR-6 | HR employee must send email for candidate about intervew schedule, Interview result |
| BR-7 | Interviewer and candidate must send email if unaccepts about schedule |
| BR-8 | Interviewer send report for HR manager |
| BR-9 | HR Manager evaluates reports to select suitable candidates |

# FUNCTIONAL REQUIREMENTS

**3.1. Use Case**

**3.1.1. Use Case Diagram**