

RECRUITMENT WEBSITE

Software Requirement Specification

– Hanoi, June 2023 –

Record of changes

| Date | A\* M, D | In charge | Change Description |
| --- | --- | --- | --- |
| 16/06/2023 | A | linhntnhe171088 | Tạo tài liệu SRS |
| 16/06/2023 | A | linhntnhe171088 | Thêm Screen Details |
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\*A - Added M - Modified D - Deleted

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**I. Overview**

1. Introduction

This project is aimed at developing a recruitment website where people can upload their CV to find a job. The website often offers the option for individuals to create a profile and upload their resume or CV, which can then be viewed by companies and recruiters searching for candidates with specific skills and experience.

This system support for the below types of user:

● User: they are registered users who are looking for a job

● Company: they are companies who are looking for the right candidate for their job

● Admin: the organization leader/manager, acts as the system administrator

2. System Functions

a. Screen Flow

b. Screen Details

[Provide the descriptions for the screens in the Screens Flow above]

| # | Feature | Screen | Description |
| --- | --- | --- | --- |
| 1 | Common | User Login | Allows the user to enter email & password to login. This page also has options for users to register or reset the password for the case s/he forgets it. |
| 2 | Common | User Register | This screen allows the user to register by inputting the following information: full name, gender, email, mobile phone. User then need to verify by clicking the link sent via email to him/her before being able to access the system |
| 3 | Common | User Profile | This is a screen which allows the user to edit his/her profile information, including the registered ones & the avatar image. Users can also upload their CV here or log out if they want |
| 4 | Public | Home | Show slider which may include hot show hot recruitment news of the day/week, list of companies looking for employees,...The user is redirected to the slider's backlink on his/her clicking. Home also includes some hot articles on fields and industries, which can help users update social information about their work. |
| 5 | Admin | Admin | Manage all user accounts, manage to-do lists displayed on the homepage, can edit, display personal information and can assign permissions directly to users on the management page |
| 6 | Public | Job description | show job details including full attributes included in db, show submit button and contact button so user can contact recruiter, save button so user can save to list watch it later |
| 7 | Public | Job list | display a list of jobs that are looking for tenants, when the user clicks, they will link to the jd page, and the user can search for jobs based on location, cv name, salary and sort jobs from salary high to low,... |
| 8 | Public | CV sample job application | This page contains different cv templates and users can choose according to their preferences, when clicked, it will display a cv detail page so that the user can choose the color, when the user wants to use the cv, it will be displayed. redirect to page https://vietcv.io/cvs/new/template\_84?color=%232E4BA7%3B%23E7E7E7&language=en&font\_code=BE\_VIETNAM |
| 9 | Public | Contact | Users and company can send messages to each other |
| 10 | Common | Advanced Search Filters | A panel or dropdown menu allowing users to apply advanced filters to their job search, such as salary range, job type (full-time, part-time, remote), experience level, etc. |
| 11 | Common | Job Application Tracking | A page where job seekers can view and track the status of their submitted job applications, including whether the application is under review, shortlisted, or rejected. |
| 12 | Admin | Admin Dashboard | View statistics |
| 13 | Common | Payment Management | The section where employers can manage their payments for job postings or extras. |
| 14 | Company | See all application | The company is able to see all the application for a job |
| 15 | Company | See application detail | The company is able to see the detail of an application for a job |

c. User Authorization

[Provide the system roles authorization to the system features (down to screens, and event to the screen activities if applicable) in the table form as below – replace Role1, Role2,… with the specific system user role names]

| Screen | User | Company | Admin |
| --- | --- | --- | --- |
| Login | X | X | X |
| Edit profile | X |  |  |
| Register | X |  |  |
| View profile |  |  | X |
| Edit profile | X |  | X |
| Edit post |  |  | X |
| Ban account |  |  | X |
| Manage to-do lists |  |  | X |
| View list of job | X | X | X |
| Add/delete job |  | X |  |
| View application details |  | X |  |
| Send message | X | X |  |
| View statistics |  |  | X |
| … |  |  |  |

In which:

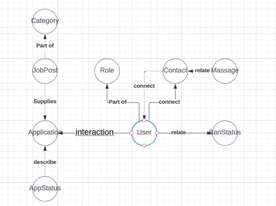
* Role1: <<role1 description>>
* Role2: <<role2 description>>
* …

d. Non-Screen Functions

[Provide the descriptions for the non-screen system functions, i.e batch/cron job, service, API, etc.]

| # | Feature | System Function | Description |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |

3. Entity Relationship Diagram



Entities Description

| # | Entity | Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |

**II. Functional Requirements**

1. User Login

| Function trigger: | The User can access the Login form via the “personal profile” link in the navigation bar at the top right of the screen. |
| --- | --- |
| Function description: | +Roles: All actors  +Purpose: Authenticate users, allow users to access their information data and actions based on their role.  +Data processing: The functionality uses data from table [User] of our database |
| Layout: |  |
| Detail: | * The page will display a form that require user’s input on   + User’s email  + User’s password   * The user can choose to create an account via the link above if they haven’t had an account yet. * A submit button to submit the user’s input. * After submitting, the program then check if the users’ input match the correct format * If the user input does not have the correct format, redirect back to the login screen with an error notification. * If the input is valid, the program then checks if there is a user stored in the database with the given email and password. If not, redirect back to the login screen with an error notification. * After login successfully, redirect to the homepage. * Users can also reset the password via this page when they want to set it up again or just forget it. |

1. User Register

| Function trigger: | In the Login Screen, the user can access the register screen via a “create account” link above the login form. |
| --- | --- |
| Function description: | * Roles: Guests users * Purpose: Allow the unauthenticated users to be stored and viewed. Giving the users access to functionalities that would not be accessible for guests users. * Data processing: The functionality uses data from tables [User], [FieldOfExpertise] and insert into table [User] of our database. |
| Layout: |  |
| Detail: | * The page will display a form that require user’s input on   + User’s email  + User’s password  + User full name  + User’s phone number  + User’s wanted role  + Field Of Expertise  + User’s address   * The User Can choose to upload their local image file as their profile image * The User can choose from a drop down list to assign their role, gender * After submitting, The program then check if the users’ input match the correct format * If the user input does not have the correct format, redirect back to the register screen with an error notification. * If the input is valid, the program then checks if there is a user stored in the database with the given email. If yes, redirect back to the register screen with an error notification. * After registering successfully, redirect to the login page. |

1. User Profile

| Function trigger: | In the Home Screen, the user can access their profile screen via a “personal profile” link in the right corner of the homepage. |
| --- | --- |
| Function description: | * Roles: User * Purpose: Allow users to view and edit his/her personal information related to the web * Data processing: The functionality uses data from tables [User], [FieldOfExpertise] and insert into table [User] of our database. |
| Layout: |  |
| Detail: | * The page will display a web page which display: * User profile image * User name * Email * Address * Phone number * A short introduction * And their role * For the role candidate: theem năm kinh nghiệm * for the role company and admin: ko có cv onl, webpage: gthieu cty * A log out button to log out the user’s account. * After login successfully, redirect to the homepage. |

1. Home

| Function trigger: | In the Home Page, the user can access the register screen via a link below the login form. |
| --- | --- |
| Function description: | +Roles: Guests users  +Purpose: Allows users to view job requirements  +Data processing: The functionality uses data from table [Course], [Posts] of our database. |
| Layout: |  |
| Detail: | * The page will display a form displaying featured job, current hot job requirements * Employers can view the types of jobs, the most prominent jobs, they can click on the job requirement that company posted to see the details of that job, so that they can find a suitable career for their CV |

1. List Job

| Function trigger: | nhan vao xem tat ca o nhung viec hot nhat |
| --- | --- |
| Function description: | +Roles: All  +Purpose: Allow users to view and edit their personal information related to the web  +Data processing: The functionality uses data from table [JobPost ], [user]  of our database. |
| Layout: |  |
| Detail: | * list ra job post cua cong ty * sort/search theo ten va ngay(posted date) |

1. Job Details

| Function trigger: | nhan vao post job |
| --- | --- |
| Function description: | +Roles: All  +Purpose: Allow users to view and edit their personal information related to the web  +Data processing: The functionality uses data from table [JobPost ], [user], application  of our database. |
| Layout: |  |
| Detail: | * hien thi thong tin job * candidate: hien thi them nut apply, neu dang ki roi thif là applied |

1. JobTracking

| Function trigger: | nhan vao nut job tracking ơ tren ben trai |
| --- | --- |
| Function description: | +Roles: All  +Purpose: Allow users to view and edit their personal information related to the web  +Data processing: The functionality uses data from table [JobPost ] [Jobstatus]application  of our database. |
| Layout: |  |
| Detail: | * hien thi thong tin job mà công ty đó đã post * tim kiếm bằng tên, sắp xếp bằng posted date và end date(mới nhất) |

1. application tracking

| Function trigger: | nhan vao nut application tracking ơ tren ben trai |
| --- | --- |
| Function description: | +Roles: All  +Purpose: Allow users to view and edit their personal information related to the web  +Data processing: The functionality uses data from table application [JobPost ] [Jobstatus] , user, application  of our database. |
| Layout: |  |
| Detail: | * hien thi cac job da apply và trạng thái của đơn đăng ký đó |

1. proceed job post

| Function trigger: |  |
| --- | --- |
| Function description: | +Roles: All  +Purpose: Allow users to view and edit their personal information related to the web  +Data processing: The functionality uses data from table [JobPost ], user, application  of our database. |
| Layout: |  |
| Detail: | * admin xem đc job post cty đăng, quyết định xem accept hay reject |

1. ApplicationList