1-Introduction:

Wuzzuf helps Applicants in their online job search to find Jobs in any Country. The system offers a wide range of services to both employers and those looking for jobs.

For job seekers, Wuzzuf provides a well-used interface where individuals can create custom profiles, upload resumes, and browse different job listings. The system matches candidates with relevant job opportunities based on their skills, experience, and preferences.

The system saves time and cost for companies by reducing the time and resources spent on traditional methods such as posting job postings, reviewing resumes, and scheduling interviews. This leads to significant cost savings in the long run.

It matches job postings with relevant candidates, increasing the likelihood of finding the right person for the job. This saves companies time and effort in identifying suitable candidates from a large pool of applicants.

2-User Requirements:

As an applicant i must be able to login the Application with my e-mail and password ,I should enter some information about myself when creating new account or update exiting account or apply to a new job offer.

i must be able to search for jobs, companies, and locations based on specified criteria , see the jobs similar to the jobs i looking for and see companies profiles .

I should have access to detailed information about job postings to make informed decisions when applying for jobs , apply for a job and send my resume to the party responsible for the job and see my applied applications .

As a company I should enter some information about myself when creating new account or update exiting account, I must enter some details about the job offer to create or update any post.

I must be able to efficiently search for and manage their own job postings within the Wazzaf app, improving the recruitment process and facilitating job vacancy management and i must be able to search for CVs which satisfy a specified feature.

3-Functional Requirments:

Login

 the user access the application

Input :

 the user must have an account on the system

Source:

 the user

Preconditions:

the user sign up and create an account in the app

Post-conditions: --

Output:

 user's profile and the access to the system

Complete user_info / update

Description:

it allows users to inter his information either for a new account or update their existing account information or when Apply to a new job.

It involves collecting and storing user data securely, ensuring users have access to personalized features and settings related to job search.

Requirements/Inputs:

- For signing up: User-provided information such as name, email address, password, and any additional required details.

- For updating account: User-provided information to be modified, such as name, email address, password, profile picture, ...

For Apply for job: user may enter some additional information about himself when applying for some jobs like=> cv, city, skills, etc...

Source:

the user

Pre-condition:

• For signing up: The user must not have an existing account with the provided email address.

• For updating account: The user must be authenticated and authorized to modify the account details.

Post-condition:

• For signing up: A new user account is created, and the provided information is stored securely in the database. The user is typically logged in automatically after successful registration.

• For updating account: The user's account information is updated with the provided changes, and the modifications are saved in the database.

Output:

• For signing up: A confirmation message indicating successful registration, along with any relevant instructions or next steps.
Optionally, the user may be redirected to the home page.

• For updating account: A confirmation message indicating successful update of account information. Any changes made by the user, such as updated profile picture or modified contact details, may be reflected immediately

Job Search

Description/Action:

This function allows users to search for jobs, companies, and locations based on specified criteria.
It queries a database or an external API to retrieve relevant information matching the search parameters.

Requirements/Inputs:

•   Search criteria: Keywords related to the job title, company name, or location.

•   Filter options: Additional parameters such as job type (full-time, part-time, freelance), industry, salary range, ...

Source:

•   Database containing job lists and company information.

•   External API providing job search functionality.

Pre-condition:

•   The database or API for job lists and company information is accessible.

- The user has provided valid search criteria.

Post-condition:

- Relevant job listings, companies, and locations matching the search criteria are displayed to the user.

- Optionally, additional actions such as saving job listings or applying directly through the platform may be enabled.

Output:

- Displayed results include job titles, company names, locations, and other relevant details.

- Optionally, links or buttons for additional actions such as saving or applying to jobs.

View Application

Description/Action :

show the applications which candidate is already applied in

Requirements/Inputs :

gmail's Candidate

Source :

the candidate

Pre-condition :

• The candidate is sussess login to his Account.

Post-condition :

• Get Applications data

• Show Applications which candidate is already applied in

Output:

• Show part of Data's Applications which candidate is already applied in

Apply job

Describtion/action

The function makes the user able to apply for a job and send his data to the party responsible for the job.

Requirments/input

User data

get User_info / update function

The user must have registered his data and skills on the site

The user's skills must be consistent with the job description

The user's data and CV will be sent to the party responsible for the job

The job application has been submitted successfully

OR

You must complete your information to be able to apply for the job

Company Account Management

Description/Action:

This functionality allows companies to sign up for a new account or update their existing account information. It involves collecting and storing company data securely, enabling companies to manage their profiles, job lists, and other related information.

Requirements/Inputs:

•	For signing up: Company-provided information such as company name, email address, password, industry, company size, and any additional required details.

•	For updating account: Company-provided information to be modified, such as company name, email address, password, industry, company size, profile picture, etc.

Source:

•	Company input via a web form or mobile application interface. Existing company data stored in a database, if updating an account.

Pre-condition:

•	For signing up: The company must not have an existing account with the provided email address.

•	For updating account: The company must be authenticated and authorized to modify the account details.

•   For signing up: A new company account is created, and the provided information is stored securely in the database. The company is typically logged in automatically after successful registration.

•   For updating account: The company's account information is updated with the provided changes, and the modifications are saved in the database.

Output:

•   For signing up: A confirmation message indicating successful registration, along with any relevant instructions or next steps.

     Optionally, the company may be redirected to profile management page.

•   For updating account: A confirmation message indicating successful update of account information. Any changes made by the company, such as updated profile picture or modified contact details, may be reflected immediately.

Add new post/ update existing post

Description:

it allows the company to add new post of job to a specific position in the company, and the post will be feasible to all user inside the site, or update existing post to change or add any additional information.

Inputs:

the company enter all details about specific job or to specific position inside it to udpate existing post.

Pre-condition:

For adding new post => the company must have an account,

For update post => the company must have existing post to edit it.

Post-condition:

A new post is published or updated and all users can read it.

Output:

A confirmation message says that the post has been published successfully.

Search in our Job posts

Description:

This function enables companies to search for specific job postings within their own listings on the Wazzaf app. Companies can search for jobs based on various criteria such as job title, department, location, and other relevant parameters.

Inputs:

- Company-provided search criteria such as job title, department, location, etc.

Pre-condition:

- The company must be logged into their account on the Wazzaf app.

- The company must have posted jobs on the platform.

Post-condition:

- The company is presented with a list of job postings that match the provided search criteria.

Output:

- A list of job postings matching the company's search criteria is displayed, including job details and descriptions.

Search our CVs

Description :

 the company account has the ability to view CVs in the app

Input :

skill or job title

Source:

company account

Preconditions:

 the company employee login the Application with its account

Post-conditions: --

Output:

 CVs of people who satisfy the input requirements in the system

View Recommended jobs

Description/Action :

show the jobs which Recommended for candidate in same job titles and categories which he had fill in his Account data.

Requirements/Inputs :

gmail's Candidate , his job titles looking for and categories interested in.

 the candidate

• The candidate is sussess login to his Account.

• The candidate Complete his Data.

• search for jobs like the job titles that candidate looking for and categories interested in

• Show Recommended jobs for the candidate that same the job titles and categories of job for him.

Check company profile

This function displays the account and information of the entity advertising the job

 information of the entity advertising the job

function update company acc

The Company advertising the job must have registered its info on the site

The account and company information will be shown to the user

Show Details and Description for Job

This function allows users to view details and descriptions for job postings within the Wazzaf app. Users can access information about job positions,

including job requirements, responsibilities, qualifications, and any other relevant details provided by the company.

Inputs:

- User request to view job details.

Pre-condition:

- The user must be logged into the Wazzaf app.

- The job posting must exist in the system.

Post-condition:

- The user is presented with detailed information and descriptions for the requested job.

Output:

- Details and descriptions for the job are displayed to the user, including job requirements, responsibilities, qualifications, and any other relevant information provided by the company.

4-Non Functional Requirments:

- Usability

Ease of use and clarity of the program.

- Reliability

The program is reliable during use and browsing inside.

- Maintainability

The program is maintenanceable when there is any problem.

- Regulatory

Working within the program is regular and easy to use.

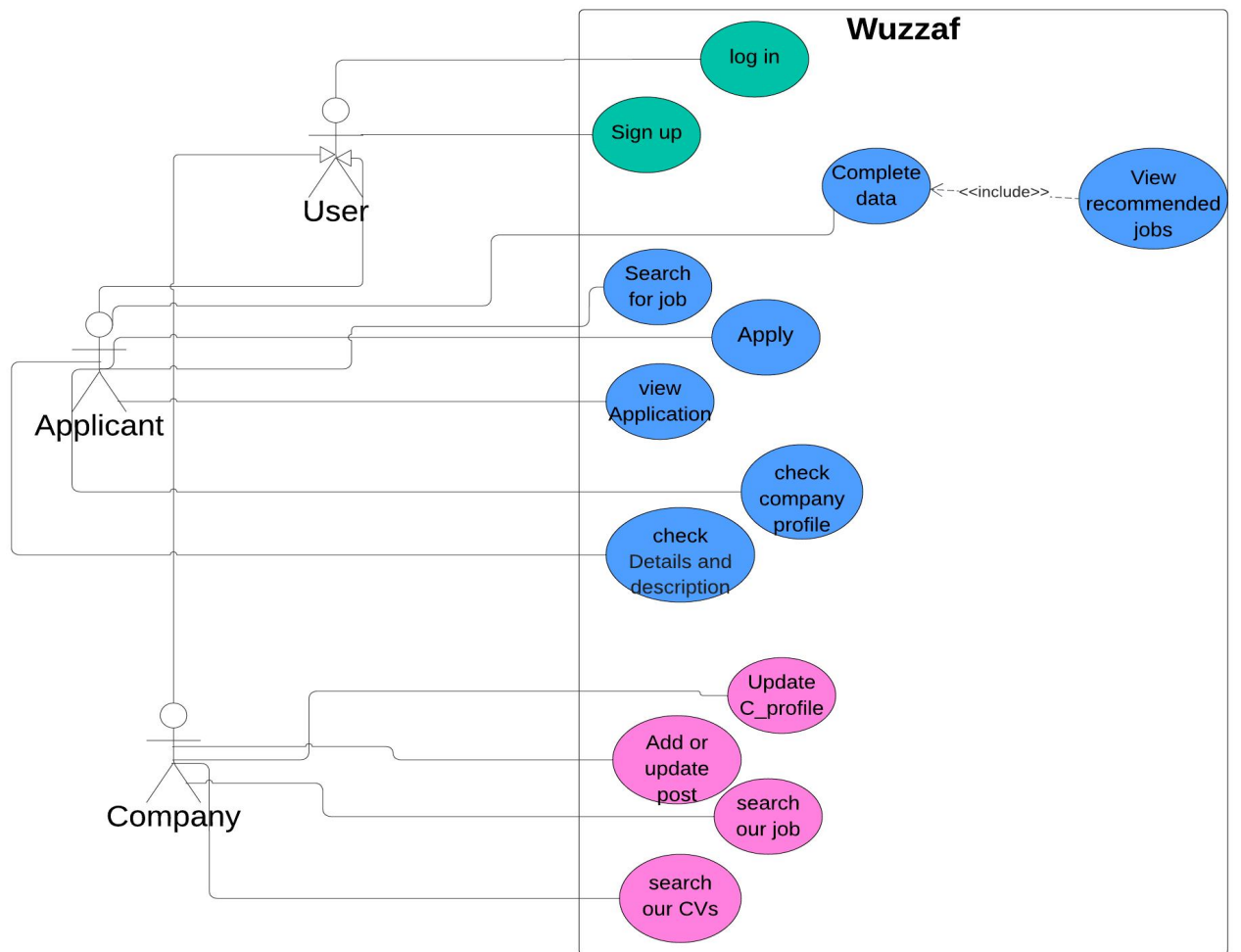- Performance

when the Candidate complete its Profile recommend similar jobs.

- Security

secure Users data form other users.

Use case diagram

Sequence Diagram