

Job Finder

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An Object Oriented Programming Project

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I. Background of the Study

The Job Finder App addresses the pressing issue of job listing fragmentation in the digital landscape. Currently, job seekers are forced to navigate multiple websites, wasting time and effort in their search for suitable positions. Employers also face challenges in reaching qualified candidates effectively. This fragmentation leads to missed opportunities and a frustrating experience for both parties.

The Job Finder App aims to solve this problem by providing a unified platform that consolidates job listings into a single, user-friendly interface. By centralizing job postings, the app streamlines the job search process for applicants and enhances recruitment efficiency for employers. The app focus on local job opportunities further supports community growth and reduces unemployment, ultimately improving the overall job market experience.

II. Objectives

1. Simplify the Job Search Process: Make it easier and more efficient for job seekers to find suitable job listings without having to navigate multiple websites.
2. Enhance Recruitment Efficiency: Provide employers with a more effective way to reach qualified candidates, reducing the time and effort spent on recruitment.
3. Support Local Opportunities: Focus on local job openings to promote community growth and help reduce unemployment.
4. Improve User Experience: Offer a streamlined experience for both job seekers and employers, ultimately enhancing the overall job market experience.

III. Scope and Delimitation of the Study

Scope and Delimitation of the Study: The Job Finder App in Claveria

This study will thoroughly investigate the efficacy and usability of the Job Finder App within the specific context of the municipality of Claveria. The research will be carefully delimited to ensure a focused and manageable scope, allowing for a robust analysis of the app impact within this particular geographical and demographic setting. The findings will provide valuable insights into the app potential for success and areas for future improvement.

Scope of the Study:

The scope of this research is intentionally narrowed to ensure the feasibility and depth of analysis.

The study will exclusively focus on the municipality of Claveria. All data collected, analyzed, and reported will pertain solely to job opportunities and job seekers located within Claveria's jurisdictional boundaries. This ensures the relevance of the findings to the specific local job market and avoids the complexities of broader regional or national data.

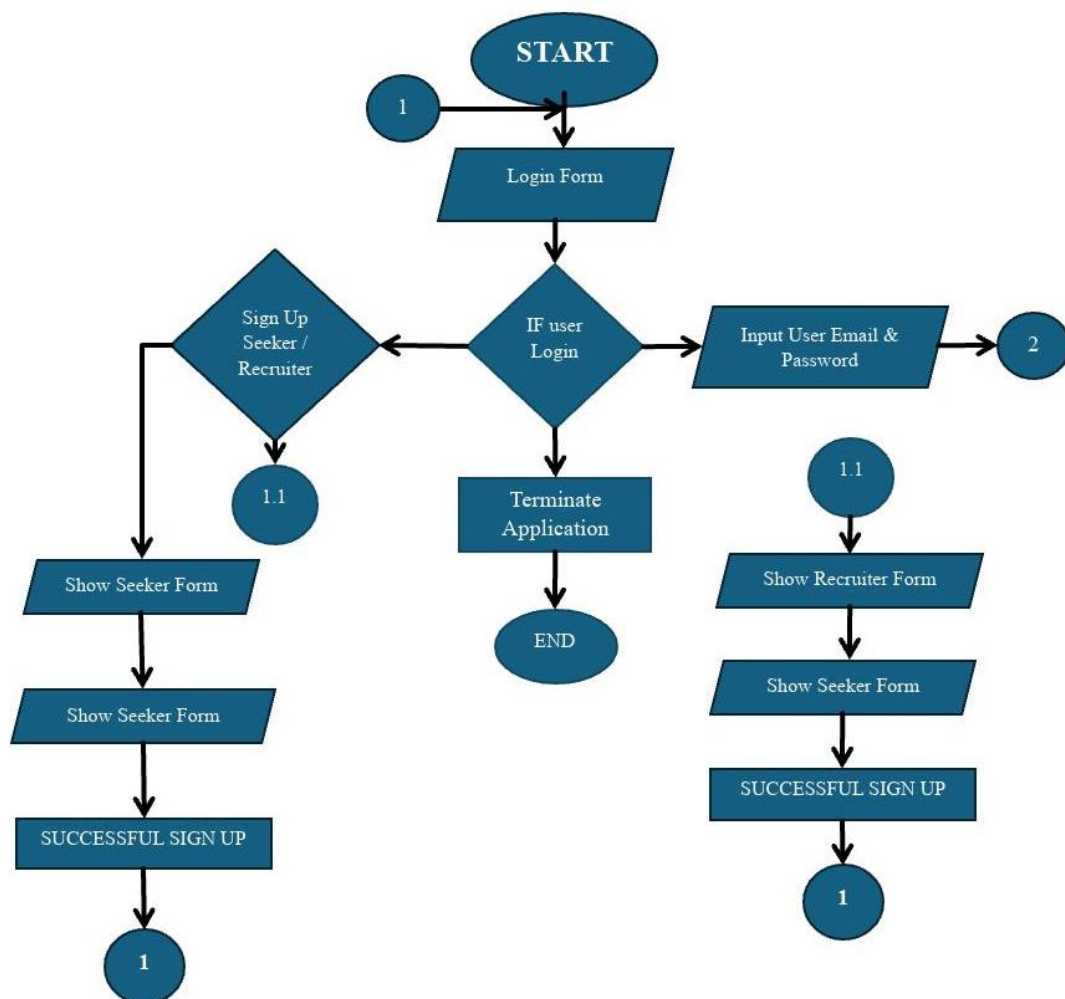
The core functionalities of the Job Finder App will be the primary focus of the study. This includes, but is not limited to, the processes of job posting by employers, job searching by applicants, user profile creation and management, and the overall user interface and experience. While the app may possess additional features or potential integrations, the study will prioritize a thorough examination of the core functionalities to ensure a comprehensive understanding of its fundamental effectiveness. This focused approach allows for a deeper investigation of the key aspects contributing to the app's success or challenges.

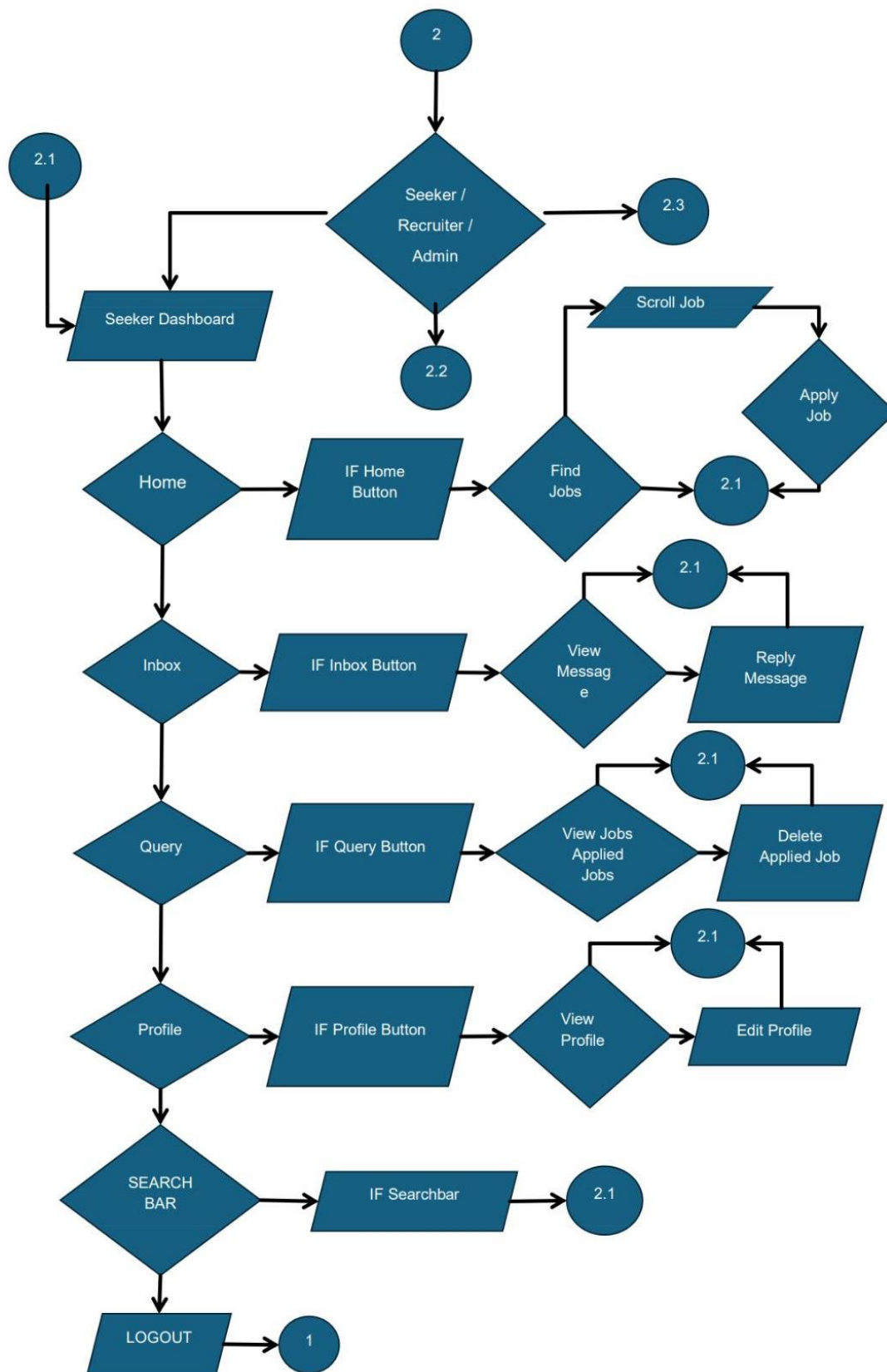
Delimitations of the Study:

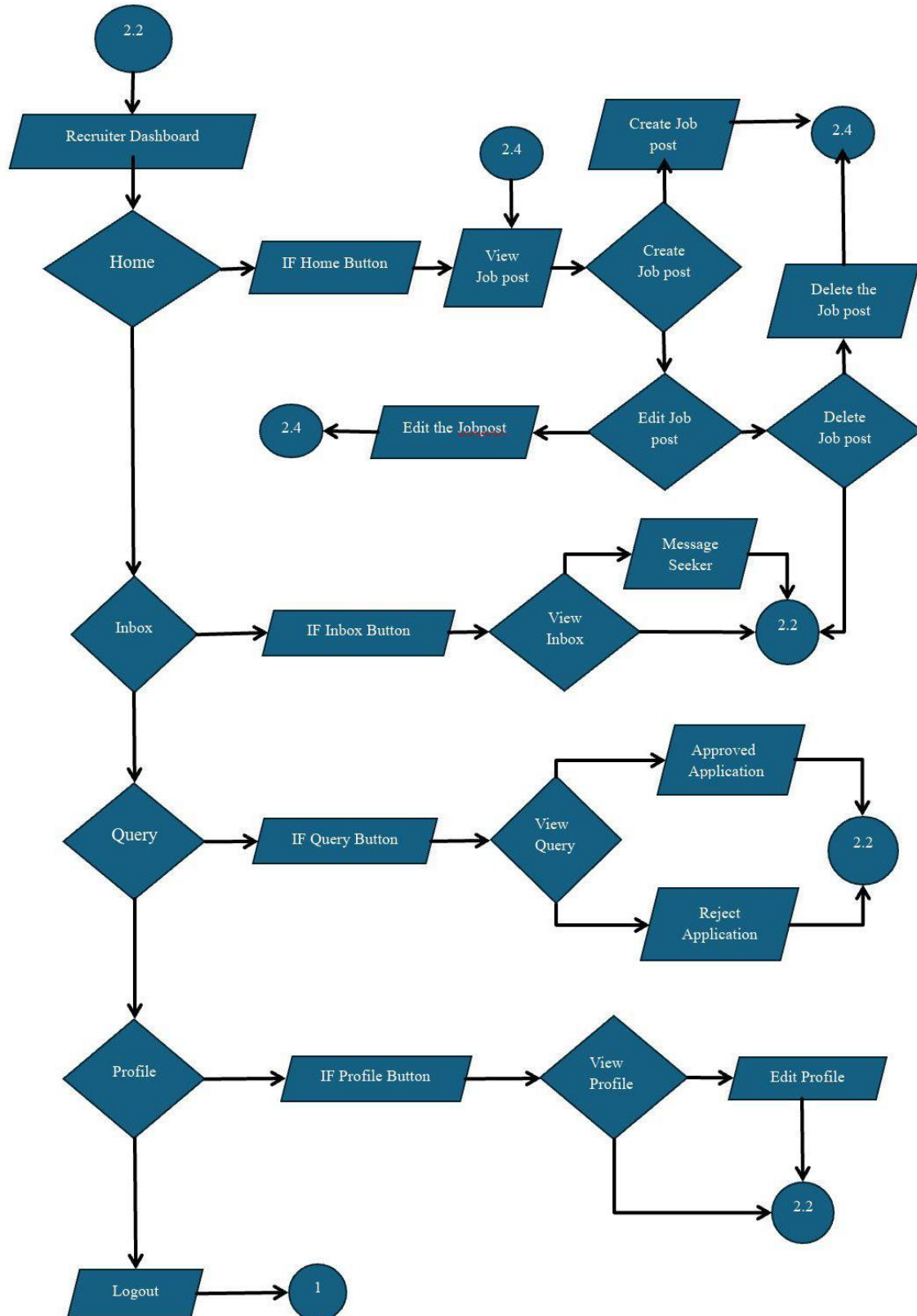
- **Job Seekers:** The study will specifically target unemployed individuals residing in Claveria who are of legal working age (18 years or older). Participants must also meet the basic requirements for job seeking, including possessing the necessary identification and documentation for employment. This targeted approach ensures the relevance of the findings to the specific population the app aims to serve. Individuals who are already employed, or who do not meet the age or documentation requirements, will be excluded from the study.
- **Employers:** The study will only include employers who are legally operating businesses within Claveria and possess all necessary business licenses and permits. This ensures that the data reflects the experiences of legitimate businesses and avoids potential biases associated with informal or unregistered entities. Businesses operating outside of Claveria or lacking the required legal documentation will be excluded from the study.
- **Job Types and Sectors:** While the Job Finder App aims to encompass a broad range of job types, the initial focus of this study may be limited to specific sectors or industries that's in Claveria. This targeted approach will allow for a more in-depth analysis of the

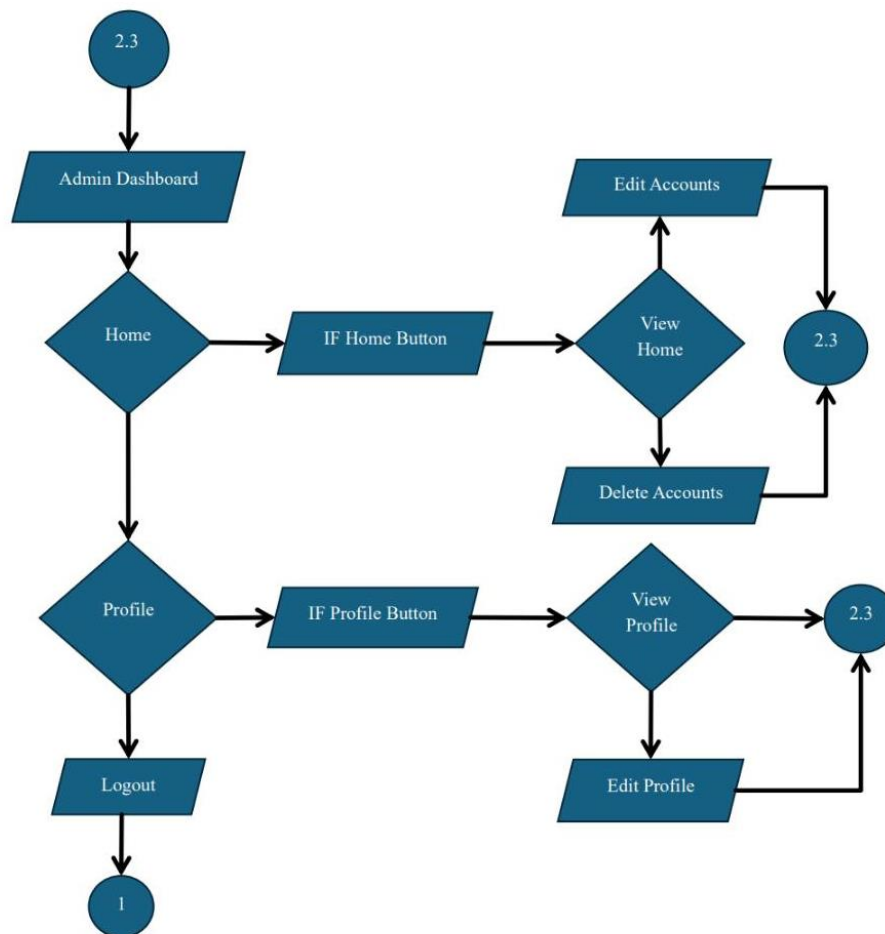
app's effectiveness within specific local contexts. The selection of specific sectors will be based on different variables such as prevalence, data accessibility, and the overall representativeness of Claveria's job market.

IV. Flowchart









The "Start" option, the user journey splits into the "Login" and "Sign Up" tracks. Users can select between the "Seeker Form" and the "Recruiter Form" after entering their email address and password. They are indicated as "Successful Sign Up" once they have finished the "Recruiter Form" and "Seeker Form" phases. In addition to managing their account settings, users can post job openings and view their profiles. Recruiters have the ability to display profile information, complete profiles, and submit job applications. All user accounts, user account management, profile viewing, and platform settings management are all accessible to administrators. Additionally, users have the ability to modify their information, alter their profiles, and exit the platform. The platform ensures a smooth and effective user experience by providing a number of options for both recruiters and seekers.

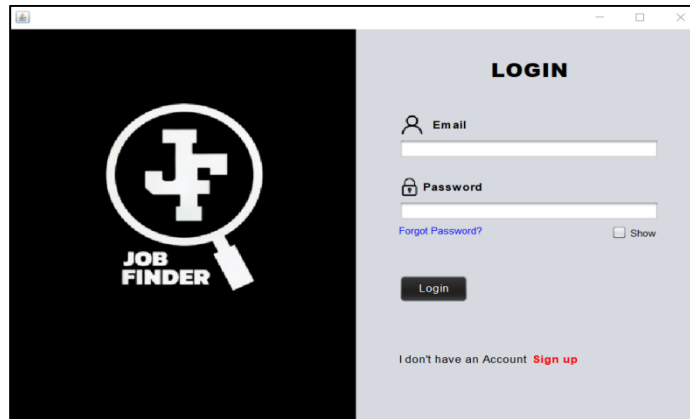
V. Gantt Chart

PROCESS	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
PLANNING					
RESEARCH					
DESIGN PROCESS					
DEVELOPMENT					
DATABASE IMPLEMENT					
TESTING					

The project timeline, as shown in the Gantt chart, follows a phased approach to development. In August, we begin planning the system, determining its purpose, flow, and functionality. In September, we start researching and building the system, gathering references and watching video tutorials to guide us in implementing our plan. In October, we focus on designing the user interface (UI) while continuing our research to generate ideas for the design. This phase also marks the start of the system's development. In November, we continue building the design, advancing our research, and implement the database. We begin testing the system to ensure the database implementation is functioning correctly. The research phase concludes, and the system's design is finalized. Development continues. In December, we finish building the system, complete the database, and conduct system testing to identify and fix any bugs. Our focus is on efficient resource utilization and ensuring timely project completion before finalizing the system.

VI. System Design

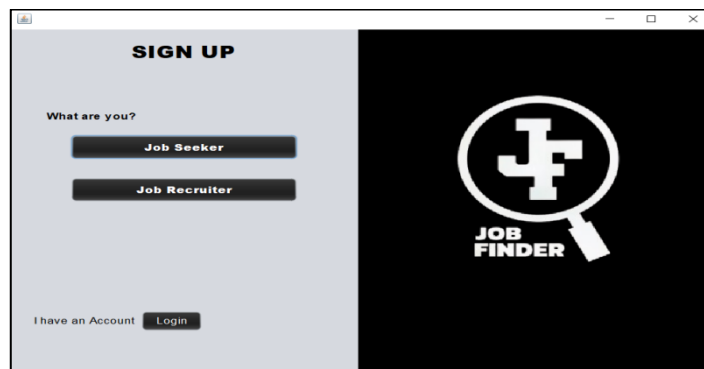
Figure 1.0



The login form is displayed in a web browser window. On the left, there is a dark sidebar with a white magnifying glass icon containing a stylized 'JF' logo and the text 'JOB FINDER' below it. The main content area is light gray and titled 'LOGIN'. It contains two input fields: 'Email' with a person icon and 'Password' with a lock icon. Below the password field are links for 'Forgot Password?' and a 'Show' checkbox. A 'Login' button is positioned below these fields. At the bottom, there is a link that says 'I don't have an Account' followed by a red 'Sign up' link.

This is the login form where the seeker, recruiter, and admin log in to their accounts.

Figure 1.1



The sign-up form is shown in a web browser window. The left sidebar is identical to the login form. The main content area is light gray and titled 'SIGN UP'. It starts with the question 'What are you?' followed by two buttons: 'Job Seeker' and 'Job Recruiter'. At the bottom, there is a link 'I have an Account' followed by a 'Login' button.

This is the form where the user chooses whether to be a seeker or a recruiter in order to create an account or sign up.

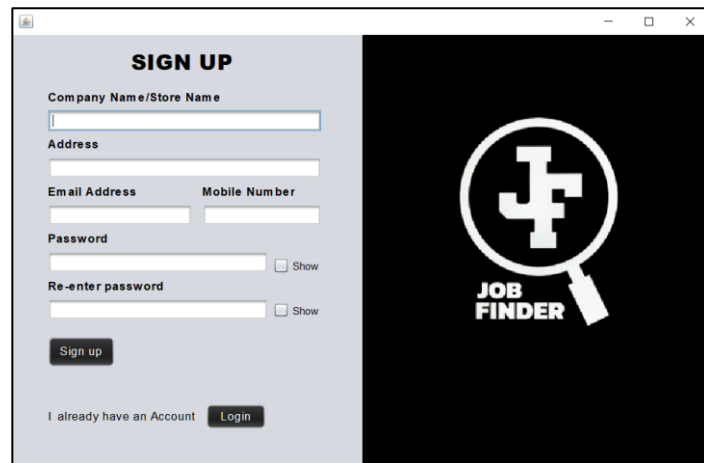
Figure 1.2



This screenshot shows the detailed sign-up form for a job seeker. The left sidebar remains the same. The main content area is titled 'SIGN UP' and contains several form fields: 'FIRST NAME' and 'LAST NAME' (text inputs), 'GENDER' (a dropdown menu with 'Male' selected), 'BIRTHDAY' (a date picker showing 'January 01, 2024'), 'EMAIL ADDRESS' and 'MOBILE NUMBER' (text inputs), 'ADDRESS' (a text input), 'PASSWORD' and 'RE-ENTER PASSWORD' (text inputs with 'Show' checkboxes). A 'Sign up' button is at the bottom of the form fields. Below the button is a link 'I already have an Account' followed by a 'Login' button.

This form is for the Seeker sign up.

Figure 1.3



SIGN UP

Company Name/Store Name

Address

Email Address Mobile Number

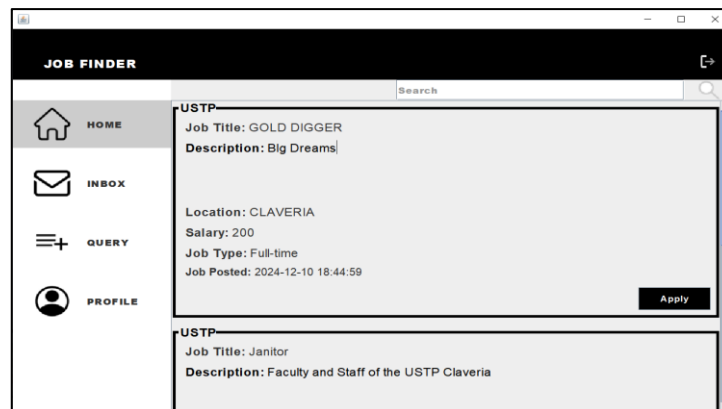
Password ☐ Show

Re-enter password ☐ Show

☐ I already have an Account

This form is for the recruiter sign up.

Figure 2.0 Seeker



JOB FINDER

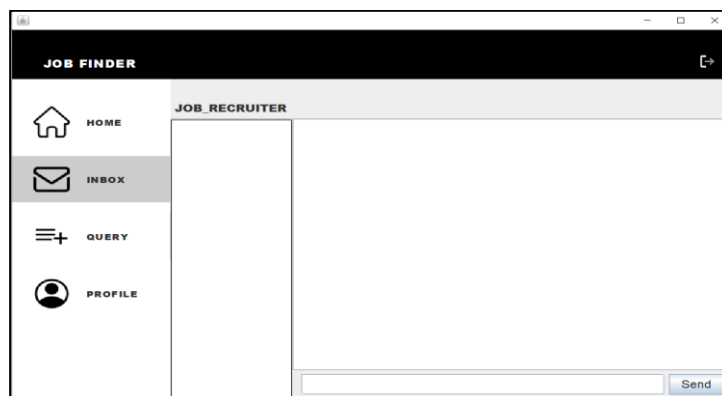
HOME INBOX QUERY PROFILE

USTP
 Job Title: GOLD DIGGER
 Description: Big Dreams
 Location: CLAVERIA
 Salary: 200
 Job Type: Full-time
 Job Posted: 2024-12-10 18:44:59

USTP
 Job Title: Janitor
 Description: Faculty and Staff of the USTP Claveria

This is the seeker's dashboard. When the home button is clicked, it displays the homepage where the seeker can find jobs by scrolling through the job posts.

Figure 2.1



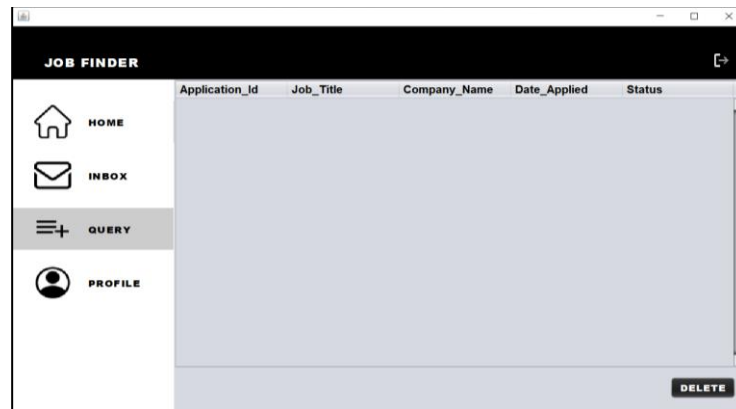
JOB FINDER

HOME **JOB_RECRUITER**

INBOX QUERY PROFILE

This is the inbox of the seeker dashboard where the seeker receive a message from the recruiter they applied.

Figure 2.2



This is the query for the dashboard where all job posts applied for by the seeker are recorded, and the seeker can delete or cancel their applied jobs.

Figure 2.3



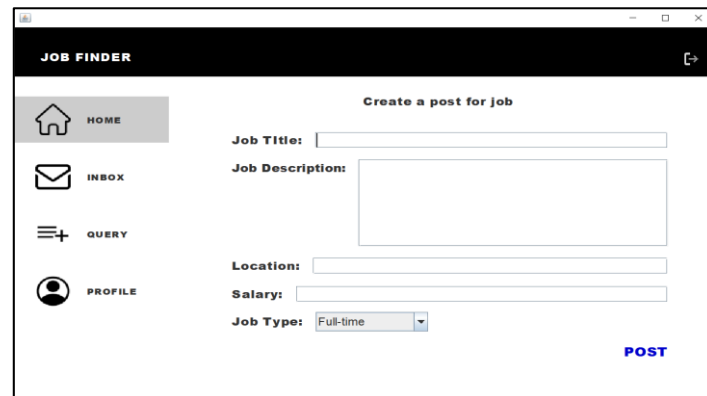
This is the profile page of the seeker dashboard where the seeker update their information.

Figure 3.0



This is the recruiter's dashboard, the homepage where the recruiter can list all the job posts they have created. The job posts can also be edited or deleted.

Figure 3.1



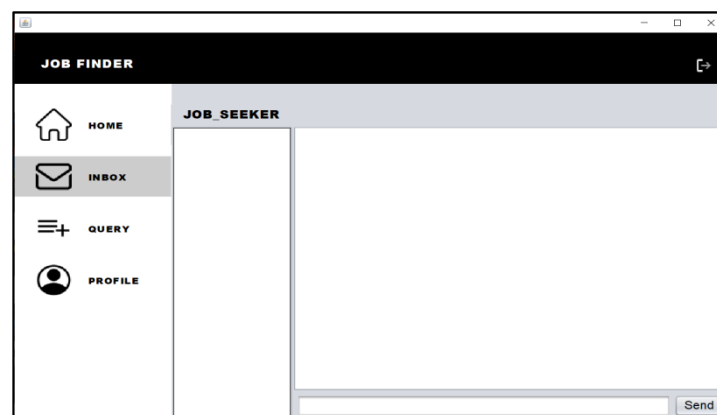
The screenshot shows a web application titled 'JOB FINDER'. On the left is a sidebar with navigation links: HOME (house icon), INBOX (envelope icon), QUERY (list icon), and PROFILE (person icon). The main area is titled 'Create a post for job' and contains the following form fields:

- Job Title:
- Job Description:
- Location:
- Salary:
- Job Type:

A blue 'POST' button is located at the bottom right of the form.

This is the form where the recruiter creates a job post. After filling out the form, they can click 'Post,' and the job post will be successfully created.

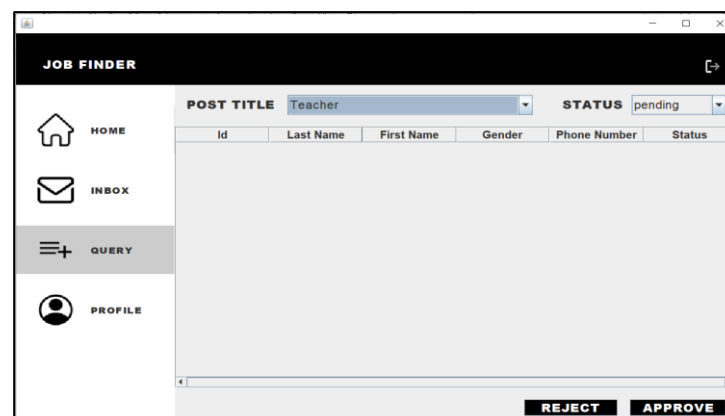
Figure 3.2



The screenshot shows the 'JOB FINDER' application with the 'JOB SEEKER' section selected in the sidebar. The main area is titled 'JOB SEEKER' and contains a large empty box for messages. At the bottom right, there is a 'Send' button.

This is the recruiter's inbox, where the recruiter can message a seeker who has applied to their job post.

Figure 3.3



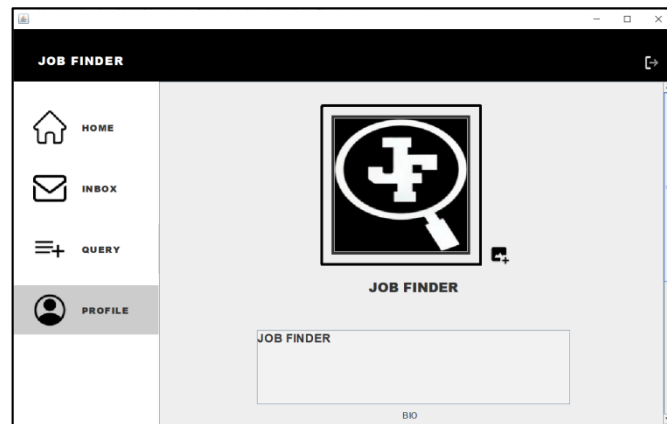
The screenshot shows the 'JOB FINDER' application with the 'QUERY' section selected in the sidebar. The main area displays a table of job seekers who have applied to a specific job post. The table has the following columns: Id, Last Name, First Name, Gender, Phone Number, and Status. The 'POST TITLE' is set to 'Teacher' and the 'STATUS' is set to 'pending'.

Id	Last Name	First Name	Gender	Phone Number	Status

At the bottom right, there are two buttons: 'REJECT' and 'APPROVE'.

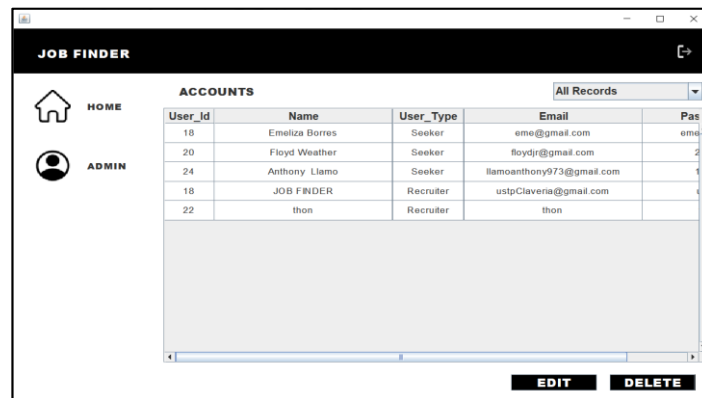
This is the query for the recruiter's dashboard, where all seekers who applied to the recruiter's job posts are listed. The recruiter can approve or reject the seekers.

Figure 3.4



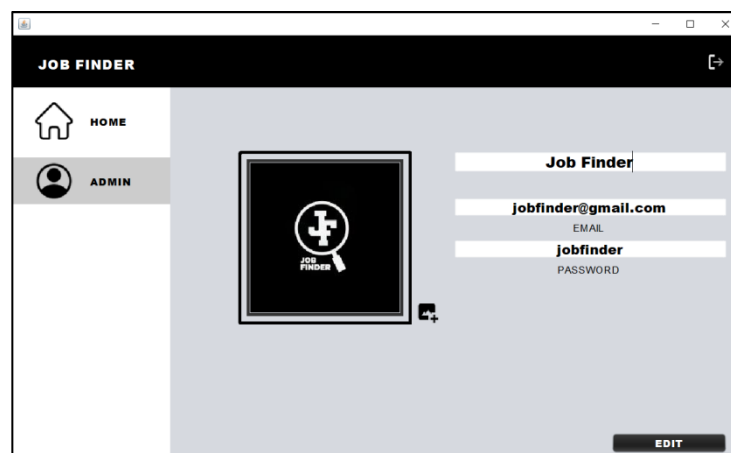
This is the profile page of the recruiter dashboard where the seeker update their information.

Figure 4.0



This is the admin's home dashboard, where the admin manages the accounts of seekers and recruiters. The admin can edit or delete user accounts.

Figure 4.1



This is the admin's profile, where they can edit their information.

VII. Conclusion

CLAVERIA

The Job Finder App offers a practical and effective solution to the common problem of scattered job listings found across various online platforms, especially within the community of Claveria. By bringing job opportunities together in one easy-to-use interface, the app aims to make the job searching process significantly simpler and more efficient for applicants. At the same time, it will assist employers in reaching qualified candidates more effectively and with less effort.

This study has established clear and focused goals to improve the overall job search experience, enhance user engagement, and support the availability of local job opportunities. By concentrating specifically on the unique needs of Claveria, the research is designed to provide valuable insights into how well the app works and how it can meet the specific requirements of the local community.

The careful scope and limitations of the study ensure that the analysis remains focused, relevant, and manageable. By targeting unemployed individuals who are of legal working age and businesses that operate legally in Claveria, the research aims to reflect the true experiences and challenges faced by the local job market.

So, to summarize, the results of this study will not only show the potential success of the Job Finder App in Claveria but also highlight specific areas for improvement and enhancement. This focused approach is expected to greatly enhance the overall job market experience in the community, reduce unemployment rates, and promote positive local economic growth. As the project moves forward through its planned stages, it is anticipated that the Job Finder App will create a more efficient and effective job-matching process, ultimately benefiting both job seekers and employers alike.

VIII. Recommendation

To further improve the functionality and user experience of the Job Finder system, several features could be considered for future development. One key enhancement would be improving the reset password functionality. This could include adding a secure, user-friendly process for password recovery, such as email verification or multi-factor authentication, ensuring that users can easily regain access to their accounts in case they forget their credentials.

CLAVERIA

Additionally, integrating real-time notifications for job updates, application statuses, or recruiter messages would greatly enhance user engagement. Notifications can be sent via email, SMS, or in-app alerts, allowing job seekers to stay informed about job openings, application feedback, and responses from recruiters in real-time.

A feedback system would be another valuable feature. Allowing users to review their hiring or application experiences would not only help job seekers and recruiters evaluate their interactions but also provide platform administrators with critical insights into areas that need improvement. This could encourage transparency and trust within the system.