

# THE SUPERIOR University LAHORE



**Faculty of Computer Science & IT**

## **FINAL YEAR PROJECT PROJECT PROPOSAL & PLAN**

**BSEM-F18-FYP-F21-006**

**[AI CHORE.com]**

**Project ID: [Issued by FYP Manager]**

### **Project Team**

<b>Student Name</b>	<b>Student ID</b>	<b>Program</b>	<b>Contact Number</b>	<b>Email Address</b>
H.Maria Ahsan	Bsem-f18-038	BSSE		Bsem-f18-038@superior.edu.pk
Amber Mushtaq	Bsem-f18-146	BSSE		Bsem-f18-146@superior.edu.pk
Rabia Ansar	Bsem-f18-175	BSSE		Bsem-f18-175@superior.edu.pk

**[MR. UZAIR RASHEED]**  
([Lecturer])

**[Intelligence chore.om]**

### Change Record

Author(s)	Version	Date	Notes	Supervisor's Signature
	1.0		Original Draft	
			Changes Based on Feedback from Supervisor	
			Changes Based on Feedback From Faculty	
			Added Project Plan	
			Changes Based on Feedback from Supervisor	

## APPROVAL

<b>PROJECT SUPERVISOR</b>	
Comments: _____ _____ _____	
Name: _____	
Date: _____	Signature: _____

<b>PROJECT MANAGER</b>	
Comments: _____ _____ _____	
Date: _____	Signature: _____

<b>HEAD OF THE DEPARTMENT</b>	
Comments: _____ _____ _____	
_____ _____	
Date: _____	Signature: _____

## Dedication

*This work is dedicated to our respected teachers and instructors, who spend their time and hard work for our education and for developing professional skills, so we can compete people, as accepting challenges coming in our educational career and after that. They would happy to see us serving easy and good life. So now, it is to us that we do work hard to make our dreams true and make our parents to be proud of us.*

*In second we can't forget to thank our Supervisors for their guidance, because without their right guidance we are like a blank paper, They always teaches us for the right way. I pray for my family members and Teacher that always blessed a lot in life.*

## **Acknowledgements**

*I am really thankful to my supervisor **Mr. Uzair Rasheed** my project advisor, for guiding me through each and every step of the process with knowledge and support. Thank you for your advice, guidance and assistance.*

*He guide us that how to do and why should do it. So we feel lucky to having her as our supervisor. He gives us emotional intelligence skills and performance skills.*

## **Executive Summary**

Let's make it easier for you to find the job you want. This is an employment online portal that shortlists job candidates using Artificial Intelligence. Recruiters can sign up for an account and post job openings. Job seekers can also create an account and view all available positions depending on their preferences. From the user's perspective, it's similar to a social media network for workers and job .Users can sign up and use their profile as their CV, including skills from previous jobs, current jobs, and education Users can post a page about their company, complete with a logo, description, and job title. Discover additional users and companies by searching for them and visiting their profile or page. Users will be able to change their profile information in this system (CV).

## Table of Contents

Table of Contents .....	viii
List of Figures .....	xii
List of Tables .....	xiii
Chapter 1 .....	14
Introduction .....	14
1.1. Background .....	15
1.2. Motivations and Challenges .....	15
1.3. Goals and Objectives .....	15
1.4. Literature Review/Existing Solutions .....	16
1.5. Gap Analysis .....	16
1.6. Proposed Solution .....	17
1.7. Project Plan .....	17
1.7.1. Work Breakdown Structure .....	18
1.7.2. Roles & Responsibility Matrix .....	19
1.8. Report Outline .....	20
Chapter 2 .....	21
Software Requirement Specifications .....	21
2.1. Introduction .....	22
2.1.1. Purpose .....	22
2.1.2. Document Conventions .....	22
2.1.3. Intended Audience and Reading Suggestions .....	22
2.1.4. Product Scope .....	22
2.1.5. References .....	23
2.2. Overall Description .....	23
2.2.1. Product Perspective .....	23
2.2.2. Product Functions .....	23
2.2.3. User Classes and Characteristics .....	24
2.2.4. Operating Environment .....	24
2.2.5. Design and Implementation Constraints .....	24
2.2.6. User Documentation .....	24
2.2.7. Assumptions and Dependencies .....	24
2.3. External Interface Requirements .....	25
2.3.1. User Interfaces .....	25
2.3.2. Hardware Interfaces .....	25
2.3.3. Software Interfaces .....	25
2.3.4. Communications Interfaces .....	26
2.4. System Features .....	26
2.4.1. Functional Requirements .....	26
2.4.1.1. Functional Requirements .....	26
2.5. Other Nonfunctional Requirements .....	27
2.5.1. Non functional Requirements .....	27
2.5.2. Safety Requirements .....	28
2.5.3. Security Requirements .....	28
2.5.4. Software Quality Attributes .....	28



2.5.5. Business Rules .....	29
2.6. Other Requirements.....	29
Chapter 3 .....	30
Use Case Analysis.....	30
Chapter 4 .....	32
System Design .....	32
4.1. Architecture Diagram .....	33
4.2. Domain Model.....	34
4.3. Entity Relationship Diagram with data dictionary .....	35
4.4. Class Diagram .....	36
4.5. Sequence / Collaboration Diagram .....	37
4.6. Operation contracts .....	38
4.7. Activity Diagram.....	39
4.8. State Transition Diagram .....	43
4.9. Component Diagram .....	44
4.10. Deployment Diagram .....	44
4.11. Data Flow diagram .....	45
Chapter 5 .....	47
Implementation .....	47
5.1. Important Flow Control/Pseudo codes .....	48
5.2. Components, Libraries, Web Services and stubs .....	48
5.3. Deployment Environment .....	48
5.4. Tools and Techniques.....	48
5.5. Best Practices / Coding Standards.....	48
Chapter 6 .....	50
Testing and Evaluation .....	50
Test PlanCreation:.....	51
Entry Criteria .....	51
Activities:.....	51
1. Objective andScope:.....	51
Scope .....	51
2. Method Involved in testing: .....	51
3. Test Schedule.....	51
4. Deliverables oftesting.....	52
Deliverables .....	52
Execution of Smoke Test.....	52
Deliverables .....	52
Execution Report: .....	53
Test CaseExecution:.....	53
Activities:.....	53
Use case id(#) 1:.....	54

Normal workflow .....	54
Test for the Use Case .....	55
Use case id(#) 2:.....	55
Normal workflow .....	55
Test for the Use Case:.....	56
Use case id(#) 3:.....	57
Normal workflow .....	57
Test for the Use Case .....	58
Use case id(#) 4:.....	58
Normal workflow .....	58
Test for the Use Case .....	59
Use case#5 .....	59
Normal workflow .....	59
Test for the Use Case.....	60
Use case id (#)6 .....	60
Normal workflow .....	60
Test for the Use Case.....	60
Equivalence partitioning .....	61
Boundary value analysis .....	61
Unit testing.....	61
Integration testing .....	61
Performance testing .....	62
Defect Logging .....	63
Activities:.....	63
Evaluation of complete Software: .....	63
Deliverables .....	63
Closure Report.....	63
Overview of Project.....	63
Project's accomplishments:.....	63
Project Scope .....	63
Project performance analysis.....	63
Project closure approval .....	64
Test Cycle Closure: .....	64
Test Closure Report:.....	64
1. General Information .....	64
2. Revision History .....	65

3. Test SummaryOverview.....	66
4. Defect Matrices.....	66
5. Exit CriteriaStatus:.....	67
Screen Shots.....	67
.....	72
Chapter 7 .....	73
Summary,Conclusion and Future Enhancements .....	73
7.1. Project Summary .....	74
Achievements and Improvements .....	74
7.2. Lessons Learnt .....	74
7.3. Future Enhancements/Recommendations .....	74
Appendix.....	75
Appendix A: User Manual .....	75
Appendix B: Administrator Manual .....	75
Appendix C: Information / Promotional Material .....	75
Appendix [no.]: Appendix Title.....	76

## List of Tables

Table 1 Gap Analysis .....	16
Table 2 Work break down structure.....	18
Table 3 Roles and responsibility matrix .....	19
Table 4 Revision History .....	65
Table 5 Defect Matrices .....	66
Table 6 Exit Criteria Status .....	67

## List of Figures

Figure 1 Architecture Diagram .....	33
Figure 2 Domain Model.....	34
Figure 3 Entity Relationship Diagram .....	35
Figure 4 Class Diagram .....	36
Figure 5 Sequence Diagram.....	37
Figure 6 Activity Diagram (Search job) .....	39
Figure 7 Activity Diagram (Apply jobs).....	40
Figure 8 Activity Diagram (Company Criteria).....	41
Figure 9 Activity Diagram (Upload job).....	42
Figure 10 State Transition Diagram.....	43
Figure 11 Deployment Diagram .....	44
Figure 12 DFD Admin & User DFD .....	45
Figure 13 User DFD.....	45
Figure 14 Admin DFD .....	46
Figure 15 Stress Planing .....	62

# Chapter 1

## Introduction

# Chapter 1: Introduction

Unemployment remains one of the world's most critical issues, affecting both industrialized and developing countries. The rising number of unemployed graduates has become one of Pakistan's most severe issues. Through the growth of job portals, the Internet has altered the way people hunt for job openings and find the correct and qualified applicant. This job portal uses artificial intelligence (AI) to reduce the requirement for the company to look for individuals by displaying their CVs in a list of candidates who meet the company's criteria. When the user uploads his or her CV in portal then his data is automatically sent to that company in which the requirements are matched. This entire process is done by using AI which also reduces time for the company and the employee also. If a candidate is shortlisted then an interview is done on that time through video call. If a company wants to know more about the client then can also chat on the same portal.

## 1.1. Background

Viewing offered jobs, or applying for the task at the agency will be in hot water that job seekers should visit the agency and check the offered jobs at the agency. Job seekers check the list of jobs offered and apply for the task. Then the agency can show offered jobs for the task seeker for his qualifications so updates the roles information [1].

## 1.2. Motivations and Challenges

There are some online provider websites on the internet which provide some services to the people. Our website provides multiple services on a single website which help people in their life. Our competition is very high in the market so we need to provide all these features in our website. We need to make a high progress and high speed response of the people's requests. We need to provide 24/7 service in our website. Our main challenge is that to add AI with PHP.

## 1.3. Goals and Objectives

As we know that nowadays condition most of the people don't use the newspaper in which company advertises their vacancy for job and also people pay money for newspaper. If we make website and user login on the website then he/she gets all notification for job in place without money but they should need an internet connection. Our main idea is that in one place people can also apply for job as well as they can use social media site in one place.

## 1.4. Literature Review/Existing Solutions

Monster.com, indeed.com, linkedIn.com, SimplyHired.com, and other popular job portals are now widely used around the world. The following are some of the issues that have been encountered in existing systems.

- There is not used of AI.
- No use of social media and social networking sites
- There is no SMS or video calling integration.
- The company short list the clients on their own.
- No quick response.
- Interview not conducted on that time when company shortlist their cvs.

## 1.5. Gap Analysis

*Table 1 Gap Analysis*

<b>Strength</b> <ul style="list-style-type: none"> <li>• No Direct Competitor.</li> <li>• No such kind of platform available.</li> </ul>	<b>Weakness</b> <ul style="list-style-type: none"> <li>• Without internet you can't use our web.</li> </ul>
<b>Opportunity</b> <ul style="list-style-type: none"> <li>• Get all information for csit on time at one place.</li> </ul>	<b>Threats</b> <ul style="list-style-type: none"> <li>• We have threat from competitors In future.</li> </ul>



## 1.6. Proposed Solution

- An online platform that uses artificial intelligence to shortlist employment prospects.
- We will also implement a video conferencing system, so that if a user is shortlisted, the company will contact that person and perform an interview and selection is done at that moment.
- When there is an update or a position is advertised, the suggested system would send SMS notifications to job seekers, and if a candidate is picked, his or her interview will be done in video calling at that time
- The suggested method employs artificial intelligence (AI) to eliminate the need for the firm to search for candidates because their CVs would be displayed in a list of candidates that satisfy the company's criteria.
- High performance
- Security
- Resume upload and download.
- Send and reply messages .

## 1.7. Project Plan

Project plan will be discussed in work break down structure and Gantt chart in detail.

### 1.7.1. Work Breakdown Structure

Table 2 Work break down structure

	DEC-2021				JAN-2022				FEB,MAR-2022				APRIL,MAY-2022					Sum mary
Tasks	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1-2	W 4	W 1	W 4	W 1	W 2	W 3	W 4	Ho urs	Perce nt (%)
Require ments	12	12	8	6													38	14.90 %
Design			4	6	12	8	3										33	13.20 %
Code & Unit Test					4	3	8	9	8	8	4	5	3	4	5		61	22.20 %
Integrat e & Test					2	2	2	3	13	1	3	4	5	2	3		50	21.10 %
Write User’s Manual										6	2	2	3				13	6.60%
Report writing			6	6	7	6	2	2				12	2	8	9		70	20.20 %
Demons trate																7	7	1.90%
Hours	12	12	18	18	25	29	25	24	21	25	9	23	23	14	17	7	272	100.0 0%

### 1.7.2. Roles & Responsibility Matrix

Table 3 Roles and Responsibility matrix

The purpose of roles & responsibility matrix is to identify who will do what.

Table 3 Roles and responsibility matrix

WBS #	WBS Deliverable	Activity #	Activity to Complete the Deliverable	Duration (# of Days)	Responsible Team Member(s) & Role(s)
1	Training Session	PA-001	Take the trainings	20	Maria, Amber, Rabia
2	Requirements Gathering	PA-002	Done surveys Of different brands	15	Maria, Amber, Rabia
3	Documentation	PA-003	Search and Read different FYP projects	20	Maria, Amber, Rabia
4	UI- Design, frontend	PA-004	Done surveys of different website	60	Amber, Rabia
5	Backend Development & Testing	PA-005	Check the systems with different Process	60	Maria, Rabia
6	Maintenance	PA-006	Using agile methodology increment is done	20	Maria, Amber, Rabia

## 1.8. Report Outline

This report tells us about what the system is that we are trying to make.

- In Chapter 1 we have shown the goals and problems that the market is facing right now and also display the Gantt chart and work break down structure.
- Chapter 2 includes all the System requirements counting all type of explanation like product scope and operational environment.
- Chapter 3 and Chapter4 is all about the diagrams that elaborate all the aspects of the online clothing system.
- Chapter 5 tells the implementation tools and techniques that we are going to use for the implementation of our website.

# Chapter 2

## **Software Requirement Specifications**

## Chapter 2: Software Requirement Specifications

### 2.1. Introduction

This is an employment online portal that shortlists job candidates using Artificial Intelligence. Recruiters can sign up for an account and post job openings. Job seekers can also create an account and view all available positions depending on their preferences. From the user's perspective, it's similar to a social media network for workers and job .Users can sign up and use their profile as their CV, including skills from previous jobs, current jobs, and education Users can post a page about their company, complete with a logo, description, and job title. Discover additional users and companies by searching for them and visiting their profile or page. Users will be able to change their profile information in this system (CV).

#### 2.1.1. Purpose

There are small websites on the internet which provide only one service. Our website provide Multiple services which is more helpful for the people. If we make this website with the features its scope is very high in the market .Our main purpose to make this website is to make social media platform as well as job website and we also add a feature of video calling if someone is shortlisted then his/her interview will be conducted on that time.

#### 2.1.2. Document Conventions

Standard rule of documentation has been followed in the order of standardized the work. In order to create efficient **AI chore Website** in the building of online job finding.

#### 2.1.3. Intended Audience and Reading Suggestions

This report is for individuals like engineer, client, venture chief, database staff designer, developers, project managers, and marketing staff, users, testers, and documentation writers. Whereas the rest of the document tells us about what are the things that we want to add in our website and how we can safely deliver our products to the customer.

#### 2.1.4. Product Scope

This product has great future scope because we are using Artificial intelligence which shortlist the person cv on admin panel we are also add video calling option if the user is shortlisted then hiring is done on that time. On user side we also make like social media platform in which the users will

connected with each other and our these features is different from all the websites which is available on internet that's why our product scope will be high in future.

### **2.1.5. References**

- <http://www.enggroom.com/PHP%20Project/Free%20Download%20PHP%20Project%20On%20Job%20Portal%20Website.htm>
- [https://www.spu.edu.sy/downloads/files/1495965772\\_1111.pdf](https://www.spu.edu.sy/downloads/files/1495965772_1111.pdf)
- <https://www.phptpoint.com/projects/online-job-portal/>

## **2.2. Overall Description**

### **2.2.1. Product Perspective**

My project is named as it is much similar with the website jobee.pk but only the name is similar not the functionality in it. Its unique value is that its bring up top job seekers to find better job that fit according to their field of interest with a great range of jobs. It give user friendly interface with full guided steps to search the job.it offers the opportunity to find job which is unparalleled in Pakistan .The best part of my project is that interface has search bar at top of page which helps user to save time and easily reachable to their specific job through respective keyword.

### **2.2.2. Product Functions**

The most advance feature of this website is its colorful advertisement bar right in the center which grabs the attention of the user with beautiful coloring scheme. Its provide choosing option to user choose different job and apply on it. It also give user and admin sing in option through which they receive notification whenever they need job .they can login whenever they need a job .this job portal provide sign up option through which they can manage their needs and get information about new jobs, they can login through it which give easiness to whenever they want they use just their email and password .website provide option to admin to upload new jobs. Specific checks to ensure the security system of personal information while user upload their data ,just to keep their information secure they use firewalls on their server and to encrypt by using secure socket layer and make a group of team that manage all if these responsibility like :

- New job uploading
- Check the user is valid
- Secure data of user

### **2.2.3. User Classes and Characteristics User**

User have access to upload cv and use functions of website from all our the world .also user can make cv.

#### **Admin**

Admin insert and update vacant jobs and information and also view required users and approve cv.

### **2.2.4. Operating Environment**

Website and application will operate with the following software components and applications: The software being developed will be running under Windows and embedded operating system. The Hardware require to access is a computer or mobile with an internet.

### **2.2.5. Design and Implementation Constraints**

The project intends to follow SCRUM (AGILE METHODOLOGY) for its development.

Agile methodology helps by breaking a project in several phases. Include constraints , collapse with stakeholder and helps in time boxed iterative development. basically agile methodology increase customer satisfaction and lower defect rates . small software increments which can be adjusted, documented and built on the project intends to use SCRUM as the process model.

### **2.2.6. User Documentation**

List the components of documentation that will use/delivered with the software

Such as:

- Online help
- Tutorials
- Manual

Identify the documentation format.

### **2.2.7. Assumptions and Dependencies**

Thoroughly in our website we provide user friendly interface and services but in our whole work we face different risk on the system like inappropriate skills.

#### **Assumption:**

- It is assume that user use appropriate internet connection.
- It is assume that user is familiar with mobile phone or pc use.
- It is assume that requirement are fulfill.
- User is familiar to internet browser.



**Dependencies:**

- Access of system is restrict to only those users who have valid identity.
- Admin have access to any user account.
- Limitation of all the level are known by higher level.

**2.3. External Interface Requirements****2.3.1. User Interfaces****GUI Interface:**

- **Login** : user have to write username and secret key
- **Registration**: user give complete information about himself.
- **Make cv** : user can make cv
- **Search** : user can search job according to their need
- **Category of job** : list of category is given below
- **Field category** : which field of job they need
- **Email Subscribe** : by subscribing email can get information
- **Chatting**: chatting with company available.
- **Help**: help for those who need

**2.3.2. Hardware Interfaces**

- Processor
- Hard drive
- Ram
- Keyboard
- Mouse
- Led

**2.3.3. Software Interfaces**

Software required are the requirement which are required for creating the website and which software the project is been made up.

**Language:** HTML, CSS PHP,JAVASCRIPT.

### **2.3.4. Communications Interfaces**

Communication interfaces are those interface in which user and product are connected with each other.

- Mobile phone
- Email
- Live call

## **2.4. System Features**

### **2.4.1. Functional Requirements**

#### **2.4.1.1. Functional Requirements**

- Login
- Create Profile for job seekers.
- Create Profiles for companies
- Enable the job posting functionality
- User can view the job post and also apply for the finest job.
- The job applicant can easily search the job by using search button by write the job title.
- If user do not have CV, then he/she can create CV after login in to the application.
- Applicable candidate name list will be display for the search of every post or skills.
- Companies can short list the applicant on the basis of their requirements then conduct the interview on the website.
- The admin can update the job post's and also update the companies' requirements and delete the announcements' and add more functionality in a system according to requirements.
- The job seeker gets the notification of new post via email.
- The applicant and the companies can interact with each other at the spot by this feature.
- Logout

## 2.5. Other Nonfunctional Requirements

### 2.5.1. Non functional Requirements

- **Response time** of the application and throughput, utilization of the system.

- **Reliability**

Technology that is highly reliable functions with the same or similar efficiency after extensive use. Here are three ways you can assess a device's reliability:

**Percentage of the probability of failure** You can check the percentage of the probability of failure, or failure rate, to determine the reliability of a system. If the percentage is higher, the system is likely to function normally after substantial use.

**Number of critical failures** Consider recording the amount of critical failures a system experiences during testing to check its reliability. If the number of failures is low, it means that the system operates properly.

**Time between critical failures** Tracking the time between critical failures can help you understand the reliability of a system. When critical failures occur rarely, it means that a system functions normally most of the time.

- The facilities of the application must be available 24/7.

- **Maintainability**

Maintainability is the measure of ability to successfully repair or fix the product after manufacturing, usually in the field, and over time

- **Recoverability**

- **Scalability**

This allows the business to remain stable. The IT infrastructure is sustainable and guaranteed to support the business operations for an estimated period into the future.

- Scalability is the property of a system to handle a growing amount of work by adding resources to the system. In an economic context, a scalable business model implies that a company can increase sales given increased resources. Application is design for all devices compatibility and have responsive view.

- **Privacy**

- Human-Computer Interaction should be considered in such a way that the UI and UX of the application is design in that way the user can easily perform its task.

- **Localization**

Does the system match local specifics?

### **2.5.2. Safety Requirements**

We use the key web and the safety requires for over website is relay all of this below.

- Authentication.
- Authorization.
- Data protection.
- Nonrepudiation.

### **2.5.3. Security Requirements**

- This non-functional requirement assures that all data inside the system or its part will be protected against malware attacks or unauthorized access. But there's a catch. The lion's share of security non-functional requirements can be translated into concrete functional counterparts. If you want to protect the admin panel from unauthorized access, you would define the login flow and different user roles as system behavior or user actions.
- So, the non-functional requirements part will set up specific types of threats that functional requirements will address in more detail. But this isn't always the case. If your security relies on specific standards and encryption methods, these standards don't directly describe the behavior of a system, but rather help engineers with implementation guides.
- Scalability.
- Volume and Performance.
- Scalability
- Reliability
- Recoverability
- Maintainability

### **2.5.4. Software Quality Attributes**

- Functional Suitability.
- Operability.
- Performance Efficiency.
- Compatibility.
- Utilization.
- Recoverability.
- Reliability.
- Maintainability.

### **2.5.5. Business Rules**

List any operating principles about the product, such as which individuals or roles can perform which functions under specific conditions. These are non functional requirements in themselves, but they may imply certain functional requirements to enforce the rules.

## **2.6. Other Requirements**

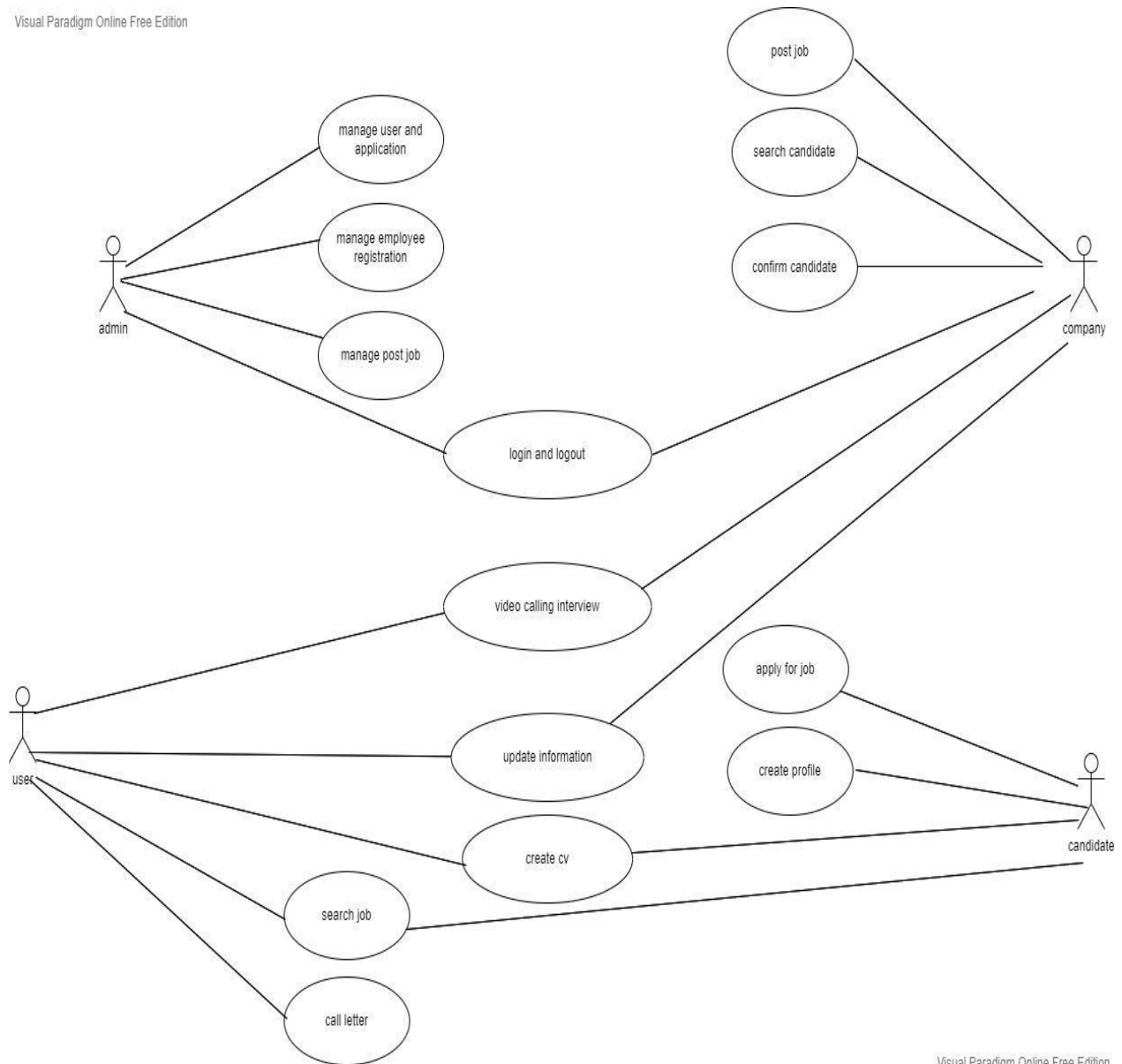
- Operating System: Microsoft Windows XP/7/8/10
- System Software: Dream viewer, MYSQL workbench, Adobe Photoshop, MS Word, MS Visio.
- Minimum Hardware: Processor Pentium-III, 80 GB Hard Disk, 1 GB RAM.

# Chapter 3

## Use Case Analysis

## Chapter 3: System Analysis

Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition

Use Case Model Figure1

# Chapter 4

## **System Design**



## Chapter 4: System Design

### 4.1. Architecture Diagram

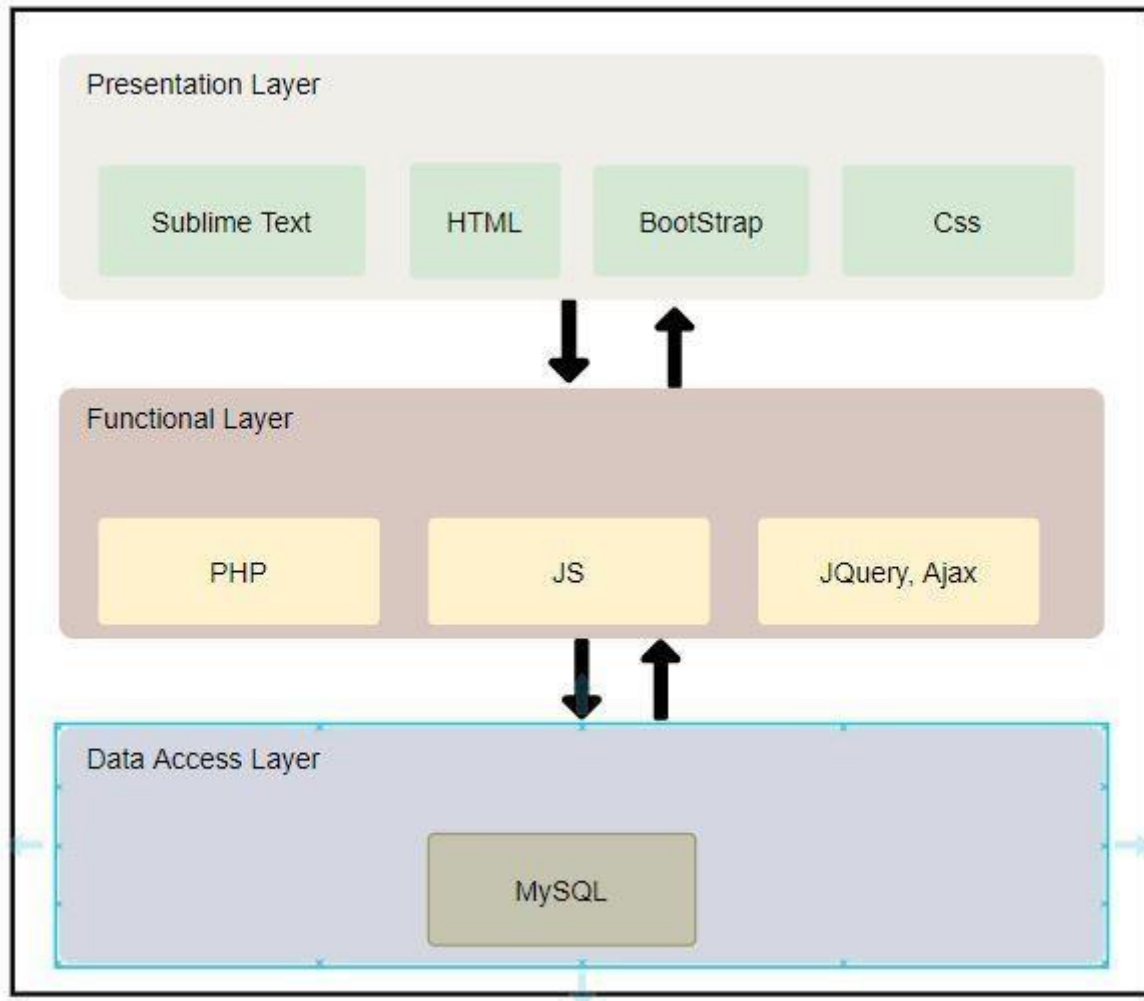


Figure 1Architecture Diagram

## 4.2. Domain Model

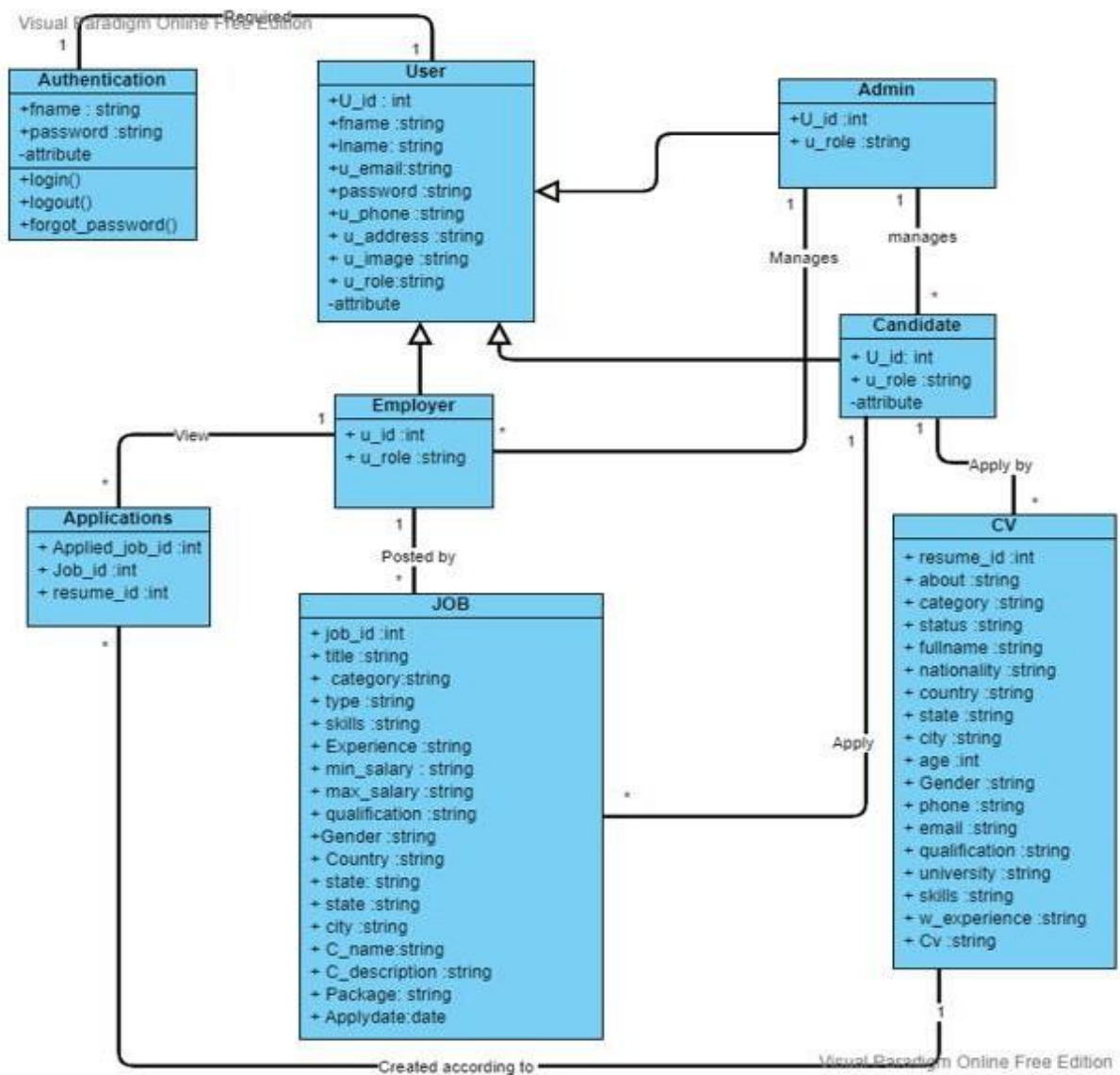


Figure 2 Domain Model

### 4.3. Entity Relationship Diagram with data dictionary

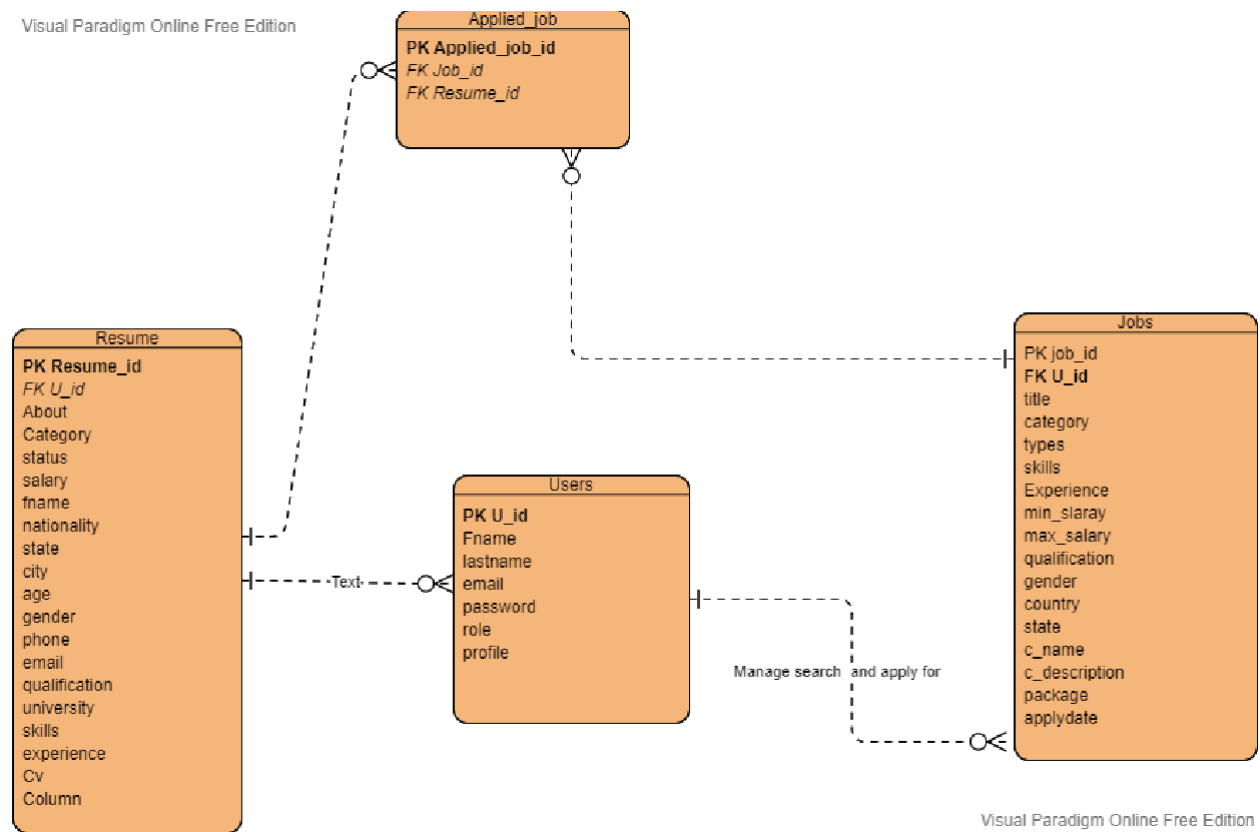


Figure 3 Entity Relationship Diagram

## 4.4. Class Diagram

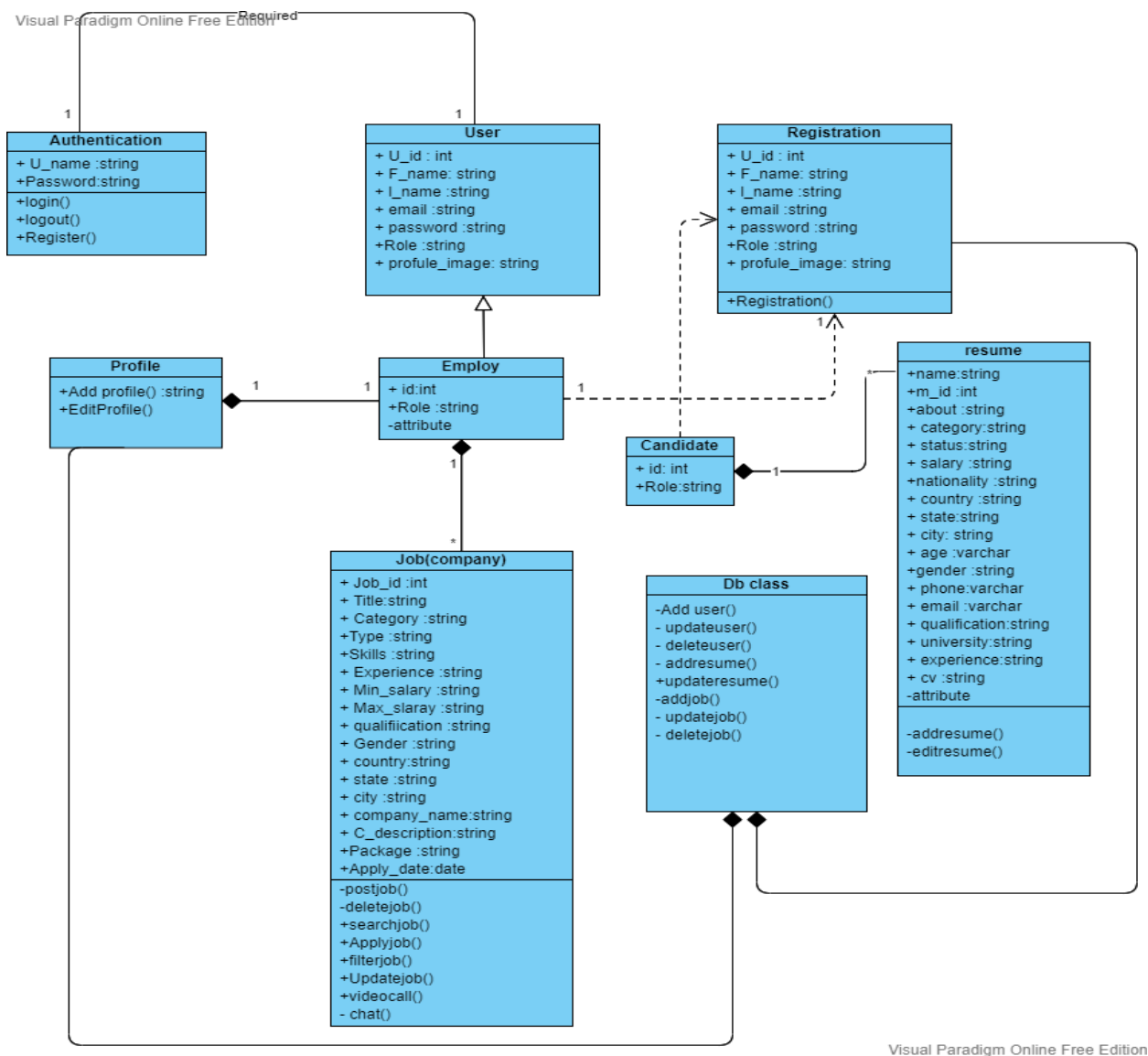


Figure 4 Class Diagram

## 4.5. Sequence / Collaboration Diagram



Figure 5 Sequence Diagram

## **4.6. Operation contracts**

### User End

- Sign Up
- Log in
- View Products
- Select Products
- Add to Cart
- Payment

### Procedure Admin End

- Log In
- View Carts
- Confirm Transaction Procedure

## 4.7. Activity Diagram

### 4.7.1. Search Jobs

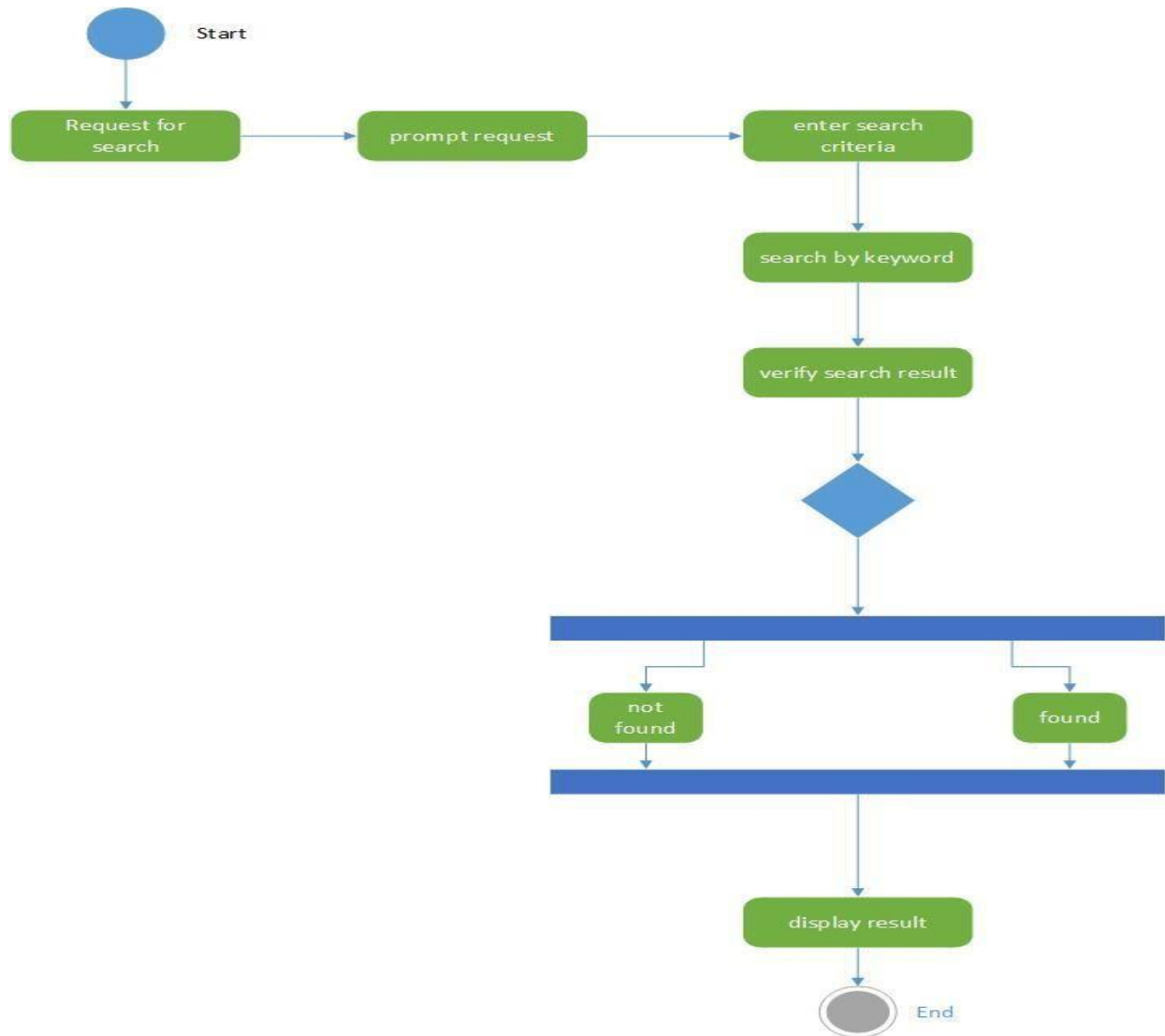


Figure 6 Activity Diagram (Search job)

### 4.7.2. Apply Jobs

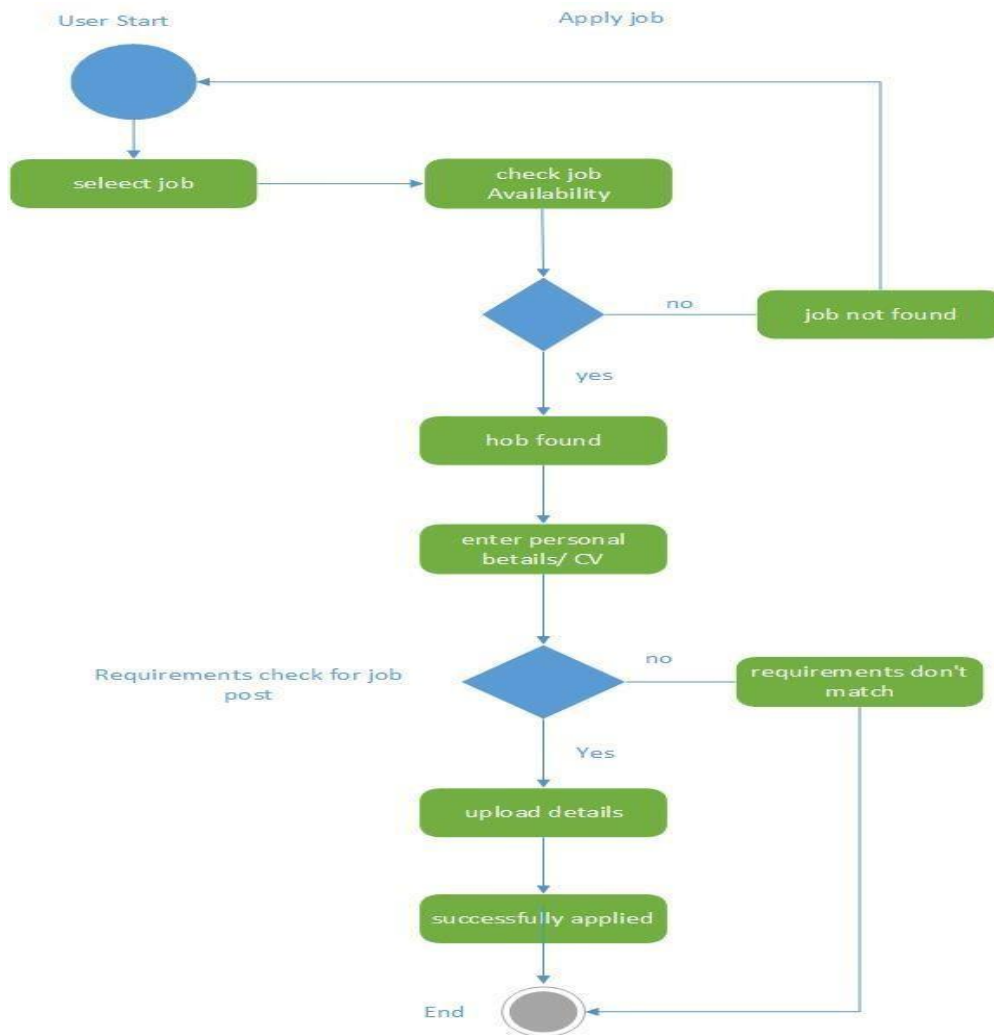


Figure 7 Activity Diagram (Apply jobs)



### 4.7.3. Company Criteria

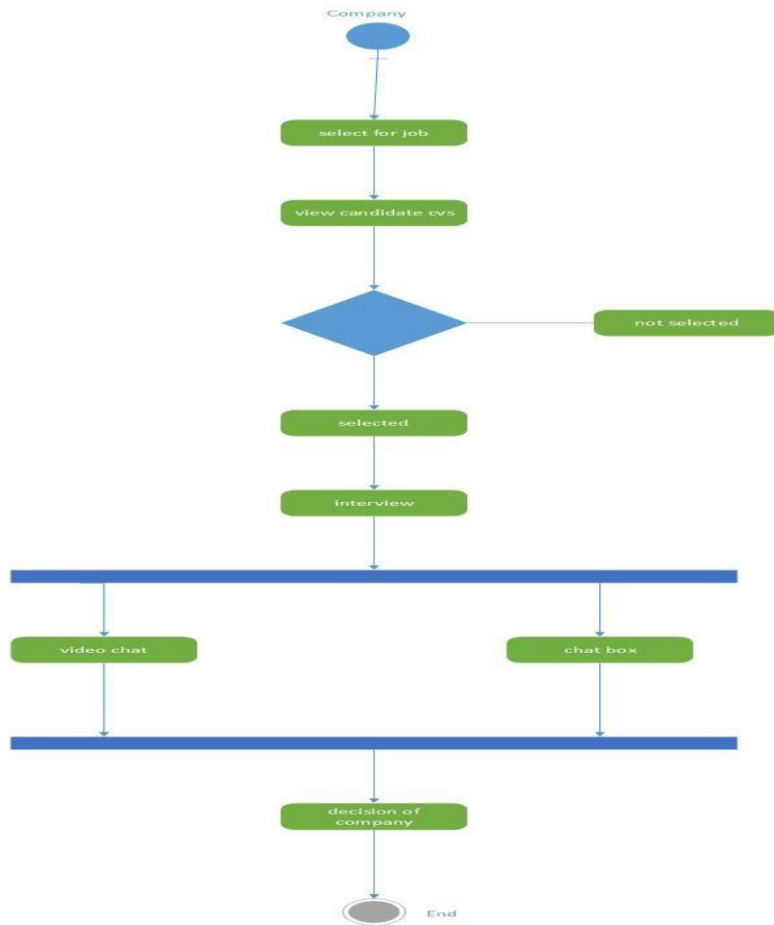


Figure 8Activity Diagram (Company Criteria)

#### 4.7.4. Upload Jobs

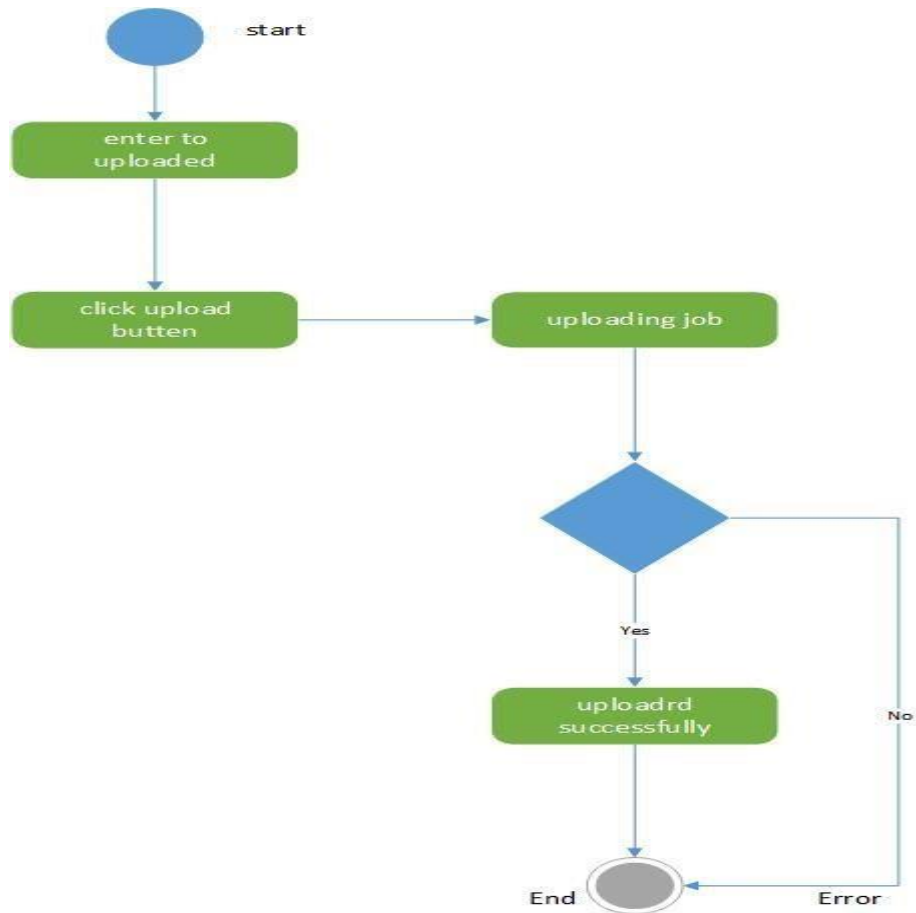


Figure 9Activity Diagram (Upload job)

## 4.8. State Transition Diagram

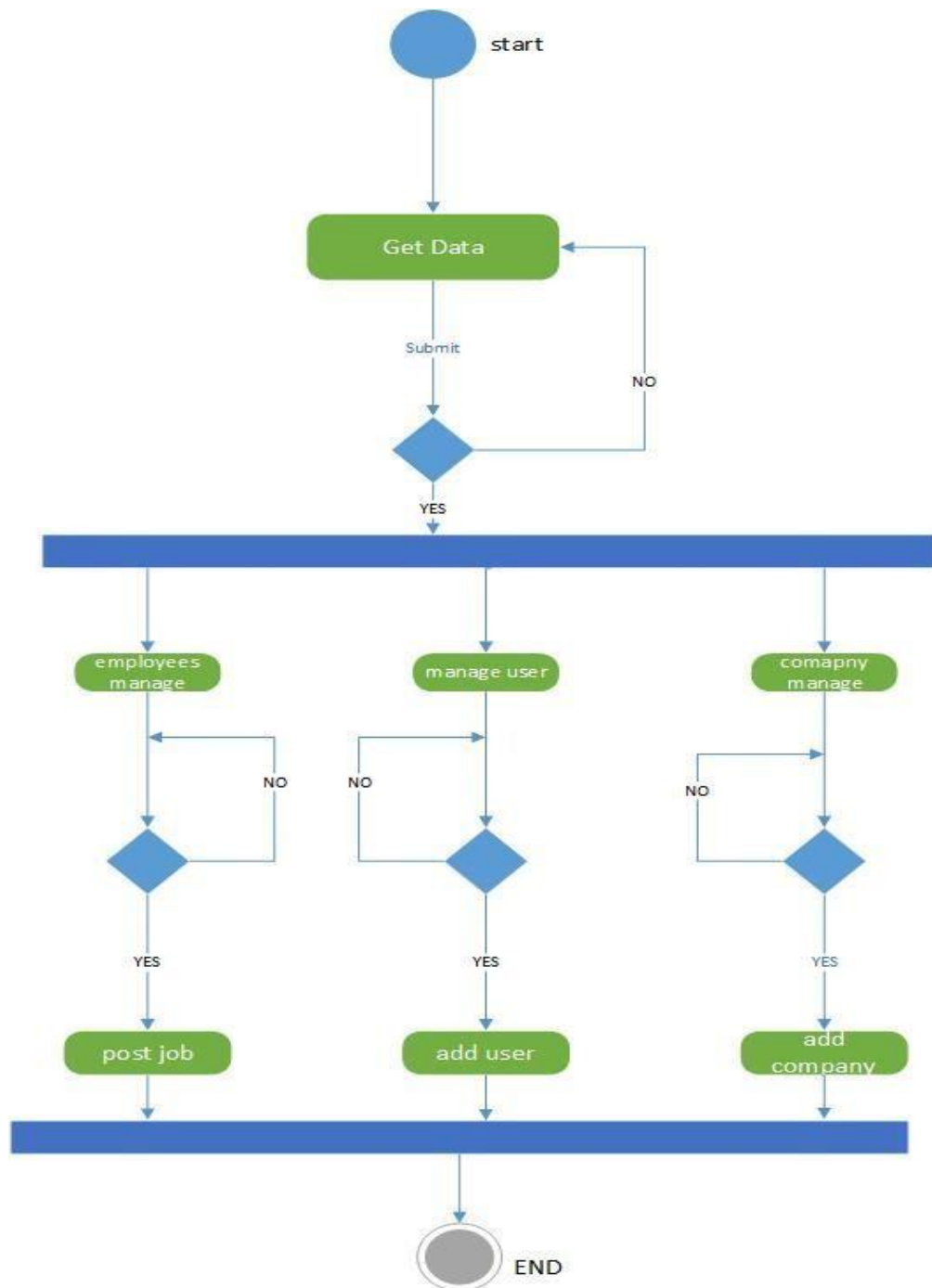


Figure 10 State Transition Diagram

## 4.9. Component Diagram

## 4.10. Deployment Diagram

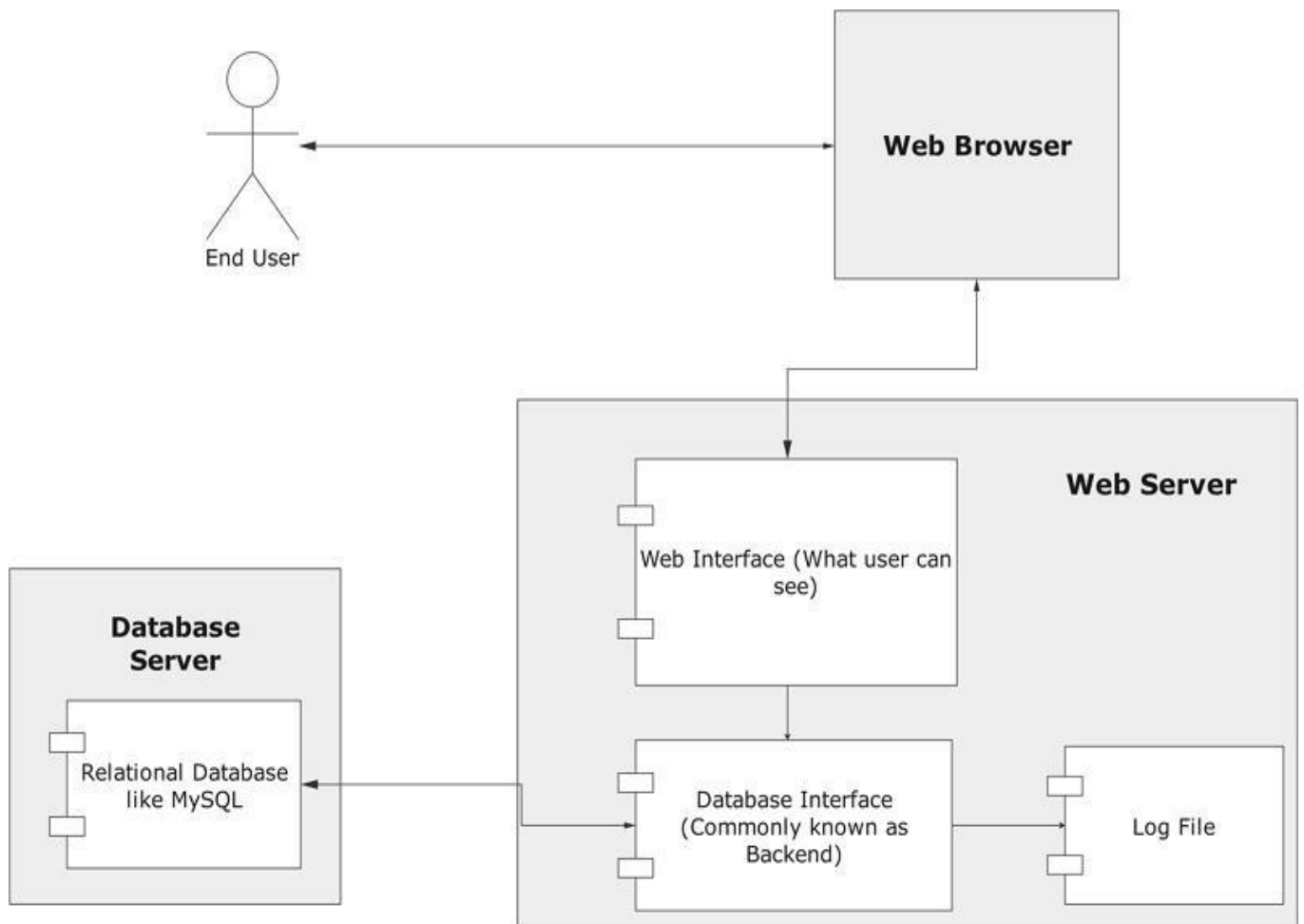


Figure 11 Deployment Diagram

## 4.11. Data Flow diagram

### 4.11.1 Admin AND USER DFD

Level 0

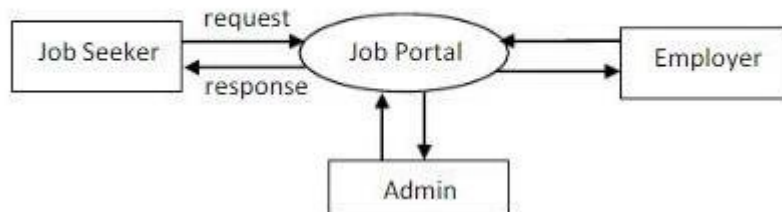


Figure 12 DFD Admin & User DFD

### 4.11.2 User DFD

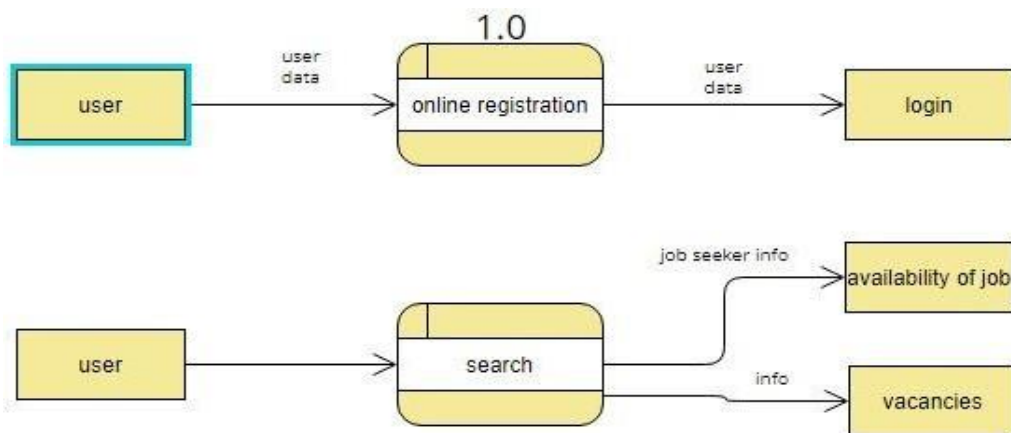


Figure 13 User DFD

#### 4.11.3 Admin DFD

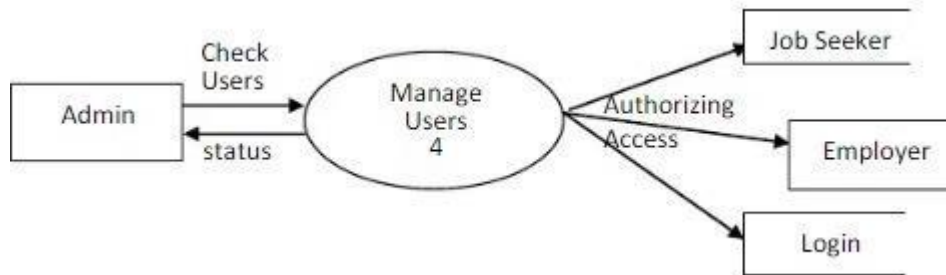


Figure 14 Admin DFD

# Chapter 5

## Implementation

## Chapter 5: Implementation

We use Incremental, Agile method software engineering technique for developing our project.

### 5.1. Important Flow Control/Pseudo codes

Pseudo codes mean how over project will work its complete flow we have described it in diagrams like UML diagram sequence diagrams etc. Pseudo code is simple. You just write out the steps to be taken to perform any task.

### 5.2. Components, Libraries, Web Services and stubs

#### User interface UI

- Text
- Image
- Button
- Input field
- Slide

### 5.3. Deployment Environment

This web system doesn't require any heavy system to develop any system It just require hard work and friendly environment to develop.

### 5.4. Tools and Techniques

Tools:

- Visual studio
- Notepad++
- Sublime text
- PHP
- Xamp web server

### 5.5. Best Practices / Coding Standards

Tools:

- HTML
- CSS
- Bootstrap
- Javascript
- Php



- MYSQLI
- Ajax
- JQuery

# Chapter 6

## Testing and Evaluation

# Test Plan Creation:

## Entry Criteria:

Requirement Documentation is Also approved by the project manager and supervisor. (If and when necessary, all paperwork may be given.)

## Activities:

### 1. Objective and Scope:

#### Objective:

The Application bring up top job seekers to find better job that fit according to their field of interest with a great range of jobs. It gives user friendly interface with full guided steps to search the job.it offers the opportunity to find job which is unparalleled in Pakistan. The best part of my project is that interface has search bar at top of page which helps user to save time and easily reachable to their specific job through respective keyword.

#### Scope:

This product has great future scope because we are using Artificial intelligence which shortlist the person cv on admin panel we are also add video calling option if the user is shortlisted then hiring is done on that time. On user side we also make like social media platform in which the users will connected with each other and these features is different from all the websites which is available on internet that's why our product scope will be high in future.

### 2. Method Involved in testing:

The method of testing will be manually execution of the application as it is a desktop application.

(The application will be tested on many devices and in various situations.)

### 3. Test Schedule:

The Test schedule for Application is as follows:

- Login/Sign-up Testing
- Data entry of users testing
- Editing of data and removing of data testing
- Shortlisted jobseeker by AI testing
- Live video call testing
- Live chatting testing

#### 4. Deliverables of testing:

- Assurance of portal providing to user
- Assurance of data storing and modification for it
- Assurance automatically shortlisted
- Assurance Live video call
- Assurance live chatting

#### Deliverables:

All of the deliverables and strategies for deliverables have already been mentioned in the Activity Section.

## Environment Setup:

#### Activities:

The list of software necessary to execute the software is as follows:

- Xampp
- php
- JAVASCRIPT
- Mysql Database & Server
- CSS & html
- Windows OperatingSystem

The following is a list of hardware requirements for running the software:

1. Any Computer Desktop or Laptop System on which Windows OS could be run easily.

#### Execution of Smoke Test:

We tested the software prototype in the needed setting, and it worked perfectly, passing the smoke test.

#### Deliverables:

#### Defects Report:

The defects are given below:

- The system requires manual installation of the basic components in the operating system.
  - Exceptions were encountered owing to system environment variables definition once the needed modules were introduced to the app.
  - Instead of using related routes, software required relative paths.
  - Databases were not integrated proper.
  - Database Server were not initialized.
1. It takes a long time for the page to load.
  2. There are no new job advertisements from other companies.

## **Execution Report:**

The software was successfully ran without any problems once all of the faults in the system environment were addressed.

## **Test Case Execution:**

### **Activities:**

We divided Test Case Execution into two segments for more descriptive testing:

1. Use Case Testing.
2. Equivalence partition
3. Unit Testing

**Use Case Testing:****Use case id(#) 1:****Use Case Name:** Create Account**Actor:** Admin, User**Description:** The Signup use case explains how a user may create an account in the app.**Preconditions:** The application should be accessible to the actor.**Normal workflow:**

1.	The user (admin or company) will open application
2.	The user will click the register button
3.	The user will complete all relevant fields.
4.	The terms and conditions will be accepted by the user.
5.	The user will press the registration button.
6.	The user will be registered and sent to the login page.

**Alternate workflow:****4a. If the user does not complete the mandatory fields**

1.	The user will leave the mandatory fields blank.
2.	The user will press the registration button.
3.	For filling out the essential fields, a popup error will display on the screen.

**5a. If the user fails to read and understand the terms and conditions**

1.	The program will display an error and will not allow you to pick the register button until you have read and agreed to the terms and conditions.
2.	The application will enable you to register after the terms and conditions option is ticked.

Test for the Use Case:

Step No	Steps (Performed By User)	Results
---------	---------------------------	---------

## Use case id(#) 2:

**Use Case Name:** Register Company

**Actor:** Admin

**Description:** The use case describes how the company register according to the conditions

**Preconditions:** Admin (company) should have login access to website it should be valid user of admin panel

Normal workflow:

1.	The company gives the detail of company.
2.	Company enter the required data in the application form
3.	After entering the data the company should click on register data
4.	If all condition is match with the criteria then company will be register

Alternate workflow:

**4a.** if the company leaves any required field empty

1.	An error message will pop up and it will ask the user to fill all the required fields
2.	Once all the required fields will be filled then the data will be stored in website

**Test for the Use Case:**

Step No	Steps (Performed By User)	Results
1.	Click on add company	Company register form appear
2.	Enter the company details	Details filled successfully
3.	Clicked register data	Company information will be save successfully



## Use case id(#) 3:

**Use Case Name:** View ,Edit Company

**Actor:** Admin,

**Description:** The use case describes how the fetch the company information and Edit the Company details.

**Preconditions:** Admin (company) should have login access to website it should be valid user of admin panel

Normal workflow:

1.	The company(admin)can see its detail by clicking on view and also can also edit on information by clicking on edit button
2.	After clicking on view button then its detail will appear and also the option will appear that you want to edit the data or not
3.	If company click on edit then edit form will appear and then company can edit its data
4.	Company can also search its detail which will appear on the top of the table
5.	After edit the data when company click on edit then data will be edit and pop is appear before edit the data when company click on alert ok then data will be edit

**Alternate workflow:**

**4a.**if the company enter wrong input.

1.	The alert will appear no data is here
----	---------------------------------------

Test for the Use Case:

Step No	Steps (Performed By User)	Results
1.	Clicked the student details button	StudentInformationwindowappeared successfully
2.	Selected the search by drop down and providedtherequiredinformation.	Searchbyselectedsuccessfullyand information entered in field successfully.
3.	Clicked the search button	Student information displayed below successfully.
4.	Clicked the show all button	All the student in the data base displayed successfully in View Box .

### Use case id(#) 4:

**Use Case Name:** Post Job

**Actor:** Admin(Company)

**Description:** The use case describe how company post the job

**Preconditions:** Admin (company) should have login access to website it should be valid user of admin panel

**Normal workflow:**

1.	The company post the job when it click on post job
2.	After clicking on post button then requirement form will appear
3.	After fill the requirements the company should click on post job
4.	Then a alert will appear in the form of yes or no
5.	After clicking on yes button then job will be posted on user side

**Alternate workflow:**

**4a.**if the company enter wrong input.

1.	An error message will pop up and it will ask the user to fill all the required Fields
2.	Once all the required fields will be filled then the data will be post in Website

### Test for the Use Case:

Step No	Steps (Performed By User)	Results
1.	Click on post button	Post job form will appear
2.	Enter the job details	Details filled successfully
3.	Clicked post data	Job will be post on user side

## Use case#5

**Use Case Name:** Apply Job

**Actor:** User

**Description:** The use case describes how the user can apply for job.

**Preconditions:** User should be log in to the application by his account or can be google Facebook account.

### Normal workflow:

1.	The user can see the posted job
2.	He/she can also search job by company or by title
3.	After seeing job posted the user can apply to the job

### Alternate workflow:

a. The user should be member of site before apply

1.	If the user is not login and apply for job then message will appear please login first
----	--

Test for the Use Case:

Step No	Steps (Performed By User)	Results
1.	User click on post job	Then form will appear
2.	The click on user attached resume	The file manager will appear the user select his/her resume
3.	The user click on apply job	The user data will sent to the company

## Use case id (#)6:

**Use Case Name:** Select Candidate

**Actor:** Admin(Company)

**Preconditions:** : Admin (company) should have login access to website it should be valid user of admin panel

Normal workflow:

1.	the company see the candidates who have been apply for job
2.	The company shortlist them
3.	after this the company send the message to candidate about their status

**Alternate workflow:**

No alternative workflow

Test for the Use Case:

Step No	Steps (Performed By User)	Results
1.	The company see the candidates	The candidate data appear
2.	the company click on view	Then user data will appear on the screen
3.	Then company click on message	Message will be send to the candidates

## Equivalence partitioning

### Test Case# 1:

**Description:** Verify that the user is Registered or not.

Boundary Value Test Case		
<b>Invalid Value</b> Enter invalid Email	<b>Valid Value</b> Enter validEmail	<b>Invalid Value</b> Enter Invalid Email
<a href="mailto:amber@gmail.com">amber@gmail.com</a>	<a href="mailto:admin@superior.edu.pk">admin@superior.edu.pk</a>	<a href="mailto:maria@gmail.com">maria@gmail.com</a>
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

### Test Case# 2:

**Description:** Verify the correct Security Answer for changing the password.

Boundary Value Test Case		
<b>Invalid Value</b> Enter invalid Answer	<b>Valid Value</b> Enter validAnswer	<b>Invalid Value</b> Enter Invalid Answer
Maria	Amber	rabia
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

### Test Case# 3:

**Description:** Verify the Admin id Entered in admin id Field is integer.

Boundary Value Test Case		
<b>Invalid Value</b> Enter invalid Admin id	<b>Valid Value</b> Enter valid admin id	<b>Invalid Value</b> Enter Invalid admin id
F18-146	146	Bsem-f18-146
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

**Test Case# 4:**

**Description:** Verify the Automatic shortlisted resumes Marking by AI.

Boundary Value Test Case		
<b>Invalid Value</b> Shortlisted resumes	<b>Valid Value</b> Shortlisted resumes	<b>Invalid Value</b> Un Shortlisted resumes
unknown resumes	Shortlisted resumes	unknown shortlisted resumes
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

**Test Case# 5:**

**Description:** VerifytheimportingofCSVextensionfileformanual uploading cv.

Boundary Value Test Case		
<b>Invalid Value</b> Invalid file	<b>Valid Value</b> Valid File	<b>Invalid Value</b> Invalid File
File other than CSV extension	FilewithCSVextension	File other than CSV extension
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

**Test Case# 6:**

**Description:** Verifythe login email fieldexcepts registered login emailfr fetchingdata.

Boundary Value Test Case		
<b>Invalid Value</b> Unregistered email	<b>Valid Value</b> Registered email	<b>Invalid Value</b> Unregistered email
Bsem-f18-146	146	038
<b>Status:</b> invalid(fail)	<b>Status:</b> valid (pass)	<b>Status:</b> invalid(fail)

**Unit Testing:****Manual Unit Testing:****Test Unit #1:****Module Name:** Sign up

<b>Module Overview:</b> This Module Creates Signup for user by providing required information			
<b>Description:</b>	<b>Input to the Module:</b>	<b>Expected Result:</b>	<b>Result:</b>
User will provide required information by filling the text fields and options and then will click onto the register button, module will sign up the user for the application.	<b>First Name:</b> Amber  <b>Last Name:</b> Mushtaq  <b>Contact:</b> 03095346273  <b>Email:</b> <a href="mailto:bsem-f18-146@superior.edu.pk">bsem-f18-146@superior.edu.pk</a>  <b>Security Question:</b>	Message window will appear and will inform that user is registered successfully.	Message window will appear and informed that user is registered successfully.
	Your Favorite Pet Name  Security Answer: php  Password: 12345  Confirm Password: 12345		

**Test Unit #2:****Module Name:** Sign in

<b>Module Overview:</b> This Module Lets the user Sign into the Application			
<b>Description:</b>	<b>Input to the Module:</b>	<b>Expected Result:</b>	<b>Result:</b>
User will Fill the Email and Password field and will press the login button, the module will login the user into the application and will lead the user to the home screen of application.	<b>Email:</b> <a href="mailto:Bsem-f18-146@superior.edu.pk">Bsem-f18-146@superior.edu.pk</a> <b>Password:</b> 12345	Popup screen will appear that will ask that if the user is admin or j, the jobseeker or company will click the below yes button and will be led to the home screen of application.	Popup screen appeared that asked that if the user is admin or jobseeker or company, the user clicked the below yes button and was led to the home screen of application.



**Test Unit #3:****Module Name:** Add users

<b>Module Overview:</b> This Module Adds users to the application Data record.			
<b>Description:</b>	<b>Input to the Module:</b>	<b>Expected Result:</b>	<b>Result:</b>
User will provide required information by filling the text fields and options and then will click onto the save button, module will save the save the Users information into the application.	<b>Department:</b> Software Engineering  <b>Section:</b> C  <b>Year:</b> 2018-2022  <b>Semester:</b> 8  <b>Student Roll#:</b> 146  <b>Student Name:</b> Amber Mushtaq  <b>Gender:</b> female  <b>DOB:</b> 27-09-1999  <b>Student Email:</b> Bsem-f18-146 <a href="mailto:Bsem-f18-146@Superior.edu.pk">@Superior.edu.pk</a>  <b>Student Phone:</b> 0309537889  <b>Student Address:</b> 25 A Iqbal Town	Message window will appear and will inform that user information is added successfully.	Message window appeared and informed that user information is added successfully.

**Test Unit #4:****Module Name:** Update users

<b>Module Overview:</b> This Module updates user information to the application Data record.			
<b>Description:</b>	<b>Input to the Module:</b>	<b>Expected Result:</b>	<b>Result:</b>
User will Select the resume from the view box and will updates the information, after updating information user will click the update button and information will be updated.	<b>Department:</b> Software Engineering  <b>Section:</b> C  <b>Year:</b> 2018-2022  <b>Semester:</b> 8  <b>Student Roll#:</b> 146  <b>Student Name:</b> Amber Mushtaq  <b>Gender:</b> Female  <b>DOB:</b> 27-9-1999  <b>Student Email:</b> Amber-SE-8-C- <a href="mailto:146@Superior.edu.pk">146@Superior.edu.pk</a>  <b>Student Phone:</b> 03011407995  <b>Student Address:</b> 25 A Model Town	Message window will appear and will inform that user information is updated successfully.	Message window appeared and informed that user information is updated successfully.

**Test Unit #5:****Module Name:** Delete user

<b>Module Overview:</b> This Module Delete user information to the application Data record.			
<b>Description:</b>	<b>Input to the Module:</b>	<b>Expected Result:</b>	<b>Result:</b>
Admin will Select the user from the view box and will press the delete button, the selected user will be deleted.	<b>Department:</b> Software Engineering  <b>Section:</b> C  <b>Year:</b> 2018-2022  <b>Semester:</b> 8  <b>Student Roll#:</b> 146  <b>Student Name:</b> Amber Mushtaq  <b>Gender:</b> Female  <b>DOB:</b> 27-10-1999  <b>Student Email:</b> Amber-SE-8-C- <a href="mailto:146@Superior.edu.pk">146@Superior.edu.pk</a>  <b>Student Phone:</b> 03092363637  <b>Student Address:</b> 25 A Iqbal Town	Message window  will appear and will inform that user information is deleted successfully.	Message  window appeared and informed that user information is deleted successfully.

**Test Unit #6:****Module Name:** Support

<b>Module Overview:</b> This Module will lead the user to the support information screen.			
<b>Description:</b>  User will press the Support button and that will lead the user to the support screen where all the information for contacting support is available.	<b>Input to the Module:</b>  Nothing (Nil)	<b>Expected Result:</b>  User will be led to the support screen.	<b>Result:</b>  Support Screen appeared In front of user.

**Test Unit #7:****Module Name:** Exit

<b>Module Overview:</b> This Module will let the user to exit the application successfully.			
<b>Description:</b>  User will press the exit button and the application will close successfully.	<b>Input to the Module:</b>  Nothing (Nil)	<b>Expected Result:</b>  The application will be closed successfully.	<b>Result:</b>  Application closed successfully.

## Stress Testing

is a software testing technique that determines the robustness of software by testing beyond the limits of normal operation. Stress testing is particularly important for critical software but is used for all types of software. Stress testing emphasizes robustness, availability, and error handling under a heavy load rather than what is correct behavior under normal situations. Stress testing is defined as a type of software testing that verifies the stability and reliability of the system. This test particularly determines the system on its robustness and error handling under extremely heavy load conditions. It even tests beyond the normal operating point and analyses how the system works under extreme conditions. Stress testing is performed to ensure that the system would not crash under crunch situations. Stress testing is also known as **Endurance Testing** or **Torture Testing**.

### Characteristics of Stress Testing:

- Stress testing analyzes the behavior of the system after a failure.
- Stress testing makes sure that the system recovers after failure.
- It checks whether the system works under abnormal conditions.
- It ensures to display of appropriate error messages when the system is under stress.
- It verifies that unexpected failures do not cause security issues.
- It verifies whether the system has saved the data before crashing or not.

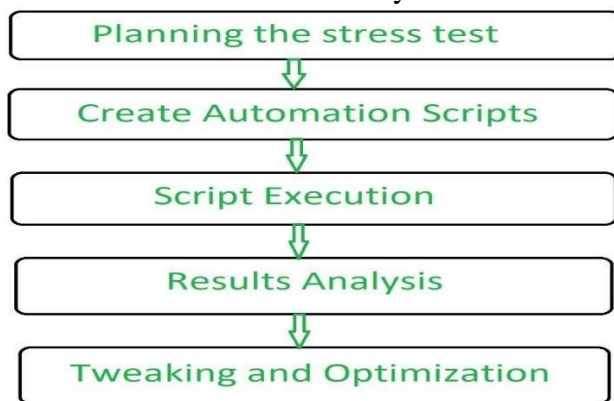


Figure 15 Stress Planning

## Performance testing

The purpose of function testing is to test the entire function and ensure that it is operating properly. In this scenario, we will test all of the project's functions, and after that, we will add all of the screenshots from our website, which will be found later down in this article. System testing is a collection of tests that verify that the entire system functions as expected.

## **Defect Logging:**

### **Activities:**

### **Evaluation of complete Software:**

Following the finding of faults in the defect report, the entire application was thoroughly tested and analyzed. Following the resolution of each problem, the entire software was retested, as detailed above in the test case execution section.

### **Deliverables:**

### **Closure Report:**

### **Overview of Project:**

The AI Chore.com this job portal uses artificial intelligence (AI) to reduce the requirement for the company to look for individuals by displaying their CVs in a list of candidates who meet the company's criteria. When the user upload his or her cv in portal then his data automatically sent to that company in which the requirements is matched this all process is done by using AI which also reduce time of company and the employee also if a candidate is shortlisted then interview is done on that time through video call if a company wants to more know about the client then can also chat on the same portal.

### **Project's accomplishments:**

The project is working as per requirements without any flows. The AI Chore.com is working properly with 95% accuracy. The job seekers and company's data is successfully being entered updated and deleted successfully. Chatbot is working as expected and live video calling is working successfully.

### **Project Scope:**

This product has great future scope because we are using Artificial intelligence which shortlist the person cv on admin panel we are also add video calling option if the user is shortlisted then hiring is done on that time. On user side we also make like social media platform in which the users will connected with each other and our these features is different from all the websites which is available on internet that's why our product scope will be high in future.

### **Project performance analysis:**

#### **1. Goals and objective performance:**

As we know that now a days condition most of the people don't use the newspaper in which company advertise their vacancy for job and also people pay money for newspaper if we make website and user login on the website then he/she get all notification for job in place without money but they should need an internet connection our main idea is that in one place people can also apply for job as well as they can use social media site in one place.

## 2. Success criteria performance:

Because the project's core scope is running well, the entire project is a success without any further detailed requirements.

## 3. Schedule and budget performance:

All of the project development was completed within the allocated budget and time frame thus we can call the project's schedule and budget performance a success.

## Project closure approval:

The project was finished according to all of the aforementioned facts, and it was also authorised by the project supervisor.

## Test Cycle Closure:

### Test Closure Report:

#### 1. General Information:

<b>System, Project:</b>	AI CHORE.COM	<b>Created Date:</b>	27/4/2021
<b>Authors:</b>	Amber Mushtaq (BSEM-F18-146) Maria Ahsan (BSEM-F18-038) Rabia Ansar (BSEM-F18-175)		

## 2. Revision History:

*Table 4 Revision History*

Revision Date	Author	Section(s)	Summary
1/5/2021	Amber mushtaq, Maria Ahsan, Rabia ansar	Front-End Development	Front End was revised as the project's UI was completely Developed.
7/6/2021	Amber mushtaq, Maria Ahsan	Database	Database structure decided.
21/6/2021	Maria Ahsan	Back-End Development	Back-End development Planned and started development.
27/4/2022	Maria Ahsan	Back-End Development Completed	Back-End development Completed.
18/5/2022	Maria Ahsan Rabia Ansar Amber mushtaq	Model Development	Model developed successfully



20/5/2022	Amber mushtaq Maria Ahsan	Testing	Testingstartedfor project
23/5/2022	Maria Ahsan Amber Mushtaq	Testing Finished	TestingFinishedfor the Project Successfully

### 3. Test SummaryOverview:

The test summary is detailed in the test case section.

### 4. DefectMatrices:

*Table 5 Defect Matrices*

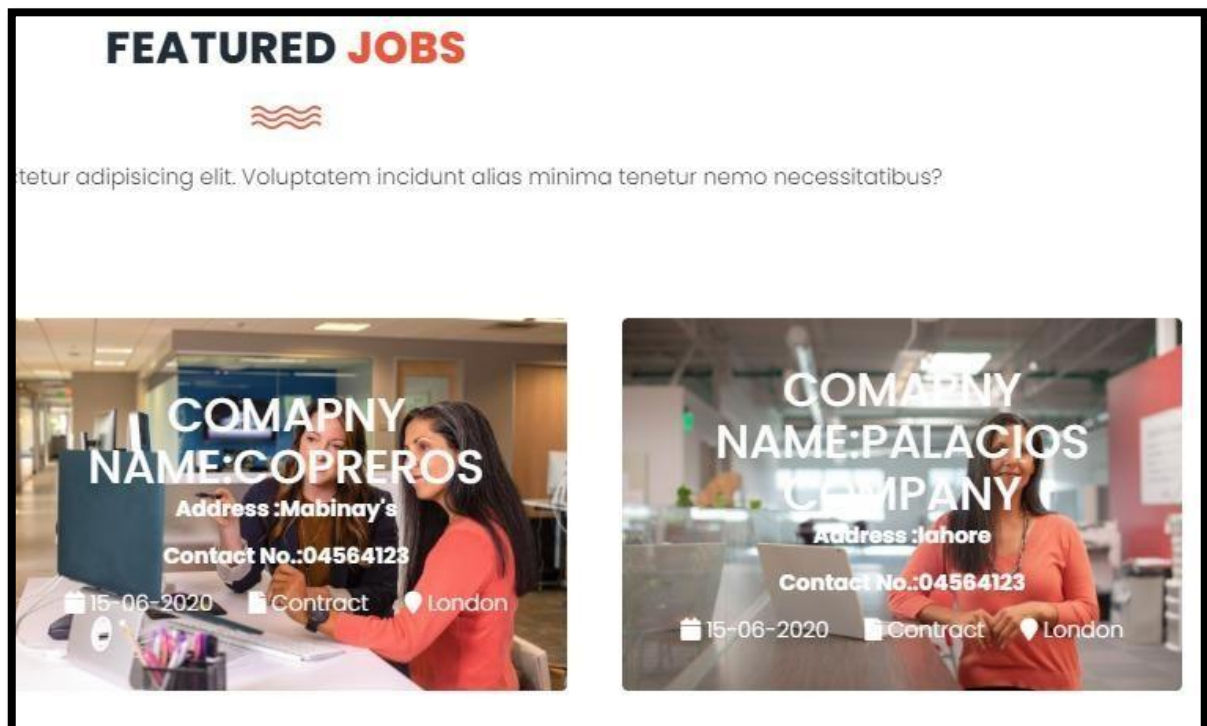
Defect	Priority	Opened	Closed	Hold	Rejected
The login function of the website does not work properly	Critical	No	Yes	No	No
Database Server not Working properly	High	No	Yes	No	No
The website performance is too slow	High	No	Yes	No	No
Some links does not work effectively	Low	No	Yes	No	No
The Color of Admin Panel is not good	Low	No	Yes	No	No

## 5. Exit Criteria Status:


Table 6 Exit Criteria Status

Exit Criteria	Criteria Met? (YES/NO)	If No, Describe plan of action
All modules for the project are executed Successfully	Yes	Nil
All accepted and actual results are captured and documented with the test Script(s).	Yes	Nil
All identified Critical or high severity defects have been corrected and retested	Yes	Nil


## Screen Shots



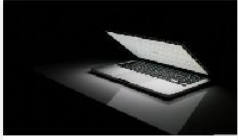
### Suggested Peoples



**1 year**  
maria@gmail.com  
03015525314  
[See More](#)



**1 year**  
javeria@gmail.com  
03015525314  
[See More](#)



**2 year**  
amber@gmail.com  
03015525314  
[See More](#)



**URC**  
Address :Bry Camugao  
Contact No. :023654



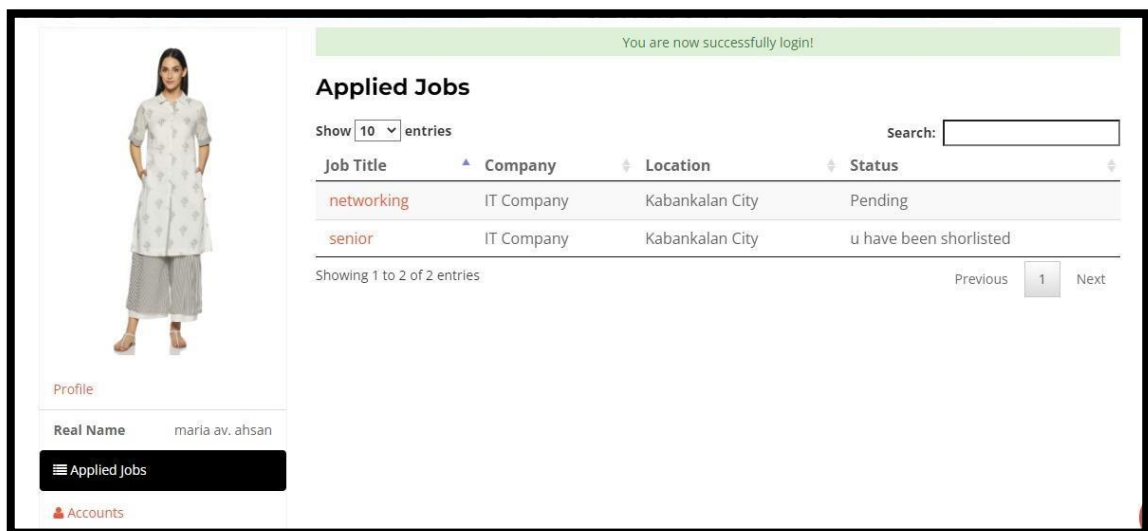
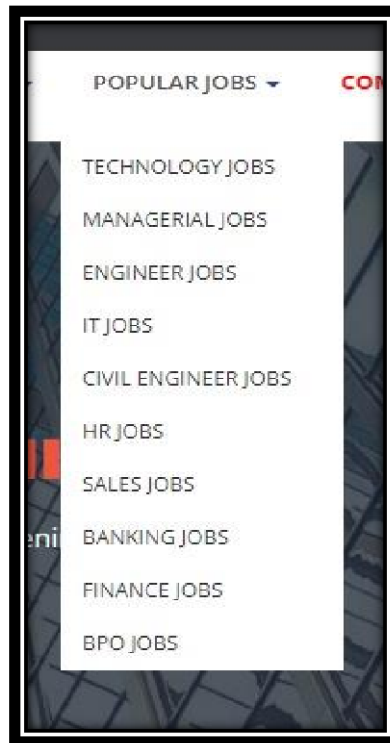
**Copreros**  
Address :Mabinay's  
Contact No. :035656



**Palacios Company**  
Address :Kabankalan City  
Contact No. :0625656899



**IT Company**  
Address :Kabankalan City  
Contact No. :04564123



## networking

- Required No. of Employee's : 1
- Salary : 20.00
- Duration of Employment : 2 years
- Preferred Sex : Male/Female
- Sector of Vacancy : lahore

Job Description :

know about networking

Qualification/Work Experience :

1 year

Employer :

IT Company

@ Kabankalan City

 Attachment Files

**Download Resume [Here](#)**

Feedback

**Pending**

 Back

Company
Home > Company

List of Companies
Add Company

Show 10 entries
Search:

Name	Address	Contact No.	Action
Coperos	Mabinay's	035656	<span></span> <span></span>
IT Company	Kabankalan City	04564123	<span></span> <span></span>
Palacios Company	Kabankalan City	0625656899	<span></span> <span></span>
Quest	Kabankalan City	23165	<span></span> <span></span>
URC	Bry Camugao	023654	<span></span> <span></span>

Showing 1 to 5 of 5 entries
Previous
1
Next

Add New Job Vacancy

Company Name:

Select

Category :

Select

Occupation Title:

Occupation Title

Required no. of Employees:

Required no. of Employees

Salary:

Salary

Duration of Employment:

Duration of Employment

Qualification/Work Experience:

Qualification/Work Experience

Job Description:

Job Description


Prefered Sex:


Select


Sector of Vacancy:


Sector of Vacancy


Save

 maria

 lahore

 maria@gmail.com

 03015525314

 Skills

Adobe Photoshop

90%

Photography


80%


Illustrator

75%


Media

50%

 Languages


 Experience1 year

Front End Developer / w3schools.com

 Jan 2015 - Current


Lorem ipsum dolor sit amet. Praesentium magnam consectetur vel in deserunt aspernatur est reprehenderit sunt hic. Nulla tempora soluta ea et odio, unde doloremque repellendus iure, iste.

Web Developer / something.com

 Mar 2012 - Dec 2014

Consectetur adipisicing elit. Praesentium magnam consectetur vel in deserunt aspernatur est reprehenderit sunt hic. Nulla tempora soluta ea et odio, unde doloremque repellendus iure, iste.

Graphic Designer / designsomething.com

 Jun 2010 - Mar 2012

Lorem ipsum dolor sit amet, consectetur adipisicing elit.

# Chapter 7

## **Summary, Conclusion and Future Enhancements**



# Chapter 7:

## Summary, Conclusion & Future Enhancements

### 7.1. Project Summary

Let's make it easier for you to find the job you want. This is an employment online portal that shortlists job candidates using Artificial Intelligence. Recruiters can sign up for an account and post job openings. Job seekers can also create an account and view all available positions depending on their preferences. From the user's perspective, it's similar to a social media network for workers and job. Users can sign up and use their profile as their CV, including skills from previous jobs, current jobs, and education. Users can post a page about their company, complete with a logo, description, and job title. Discover additional users and companies by searching for them and visiting their profile or page. Users will be able to change their profile information in this system (CV) and suggestions show to company according to their requirements for the job.

### Achievements and Improvements

**AI CHORE.com** An online platform that uses artificial intelligence to shortlist employment prospects. We will also implement a video conferencing system, so that if a user is shortlisted, the company will contact that person and perform an interview and selection is done at that moment.

When there is an update or a position is advertised, the suggested system would send SMS notifications to job seekers, and if a candidate is picked, his or her interview will be done in video calling at that time

The suggested method employs artificial intelligence (AI) to eliminate the need for the firm to search for candidates because their CVs would be displayed in a list of candidates that satisfy the company's criteria.

- High performance
- Security
- Resume upload and download.
- Send and reply messages.

### 7.2. Lessons Learnt

This project provided us with useful information and practical experience on a variety of issues, including web page design using HTML and CSS, PHP, responsive template usage, responsive website design, and database administration using MySQL and About AI we learn a lot things. The system as a whole is safe. In addition, the project taught us about project development phases and the software development life cycle. We learnt how to put various aspects of a project to the test.

### 7.3. Future Enhancements/Recommendations

AI is already able to complete basic tasks, and its effectiveness will improve. Human workers, then, will need to develop advanced technological skills to shepherd that technology's development. Technological skills won't be the only focus points for hiring managers. Tomorrow's candidates will need strong critical thinking and social skills.

The project will be updated in the future with the most up-to-date technique, and with the passage of time, new advancements will be made in it and kept in mind. Keep track of trends and improvements in the internet market, keep an eye on the competition, and be on the lookout for fresh ideas.

# Appendix

## Appendix A: User Manual

[Paragraph Text 12 pt., Calibri, 1.5 Line Spacing, Justified] [Between 4 to 8 lines describe what is this appendix all about]

### Appendix A: Appendix Title

#### **[Appendix Heading 1]: [20 pt., Calibri, Bold, Left aligned]**

Text in 12-Point Size, Times New Roman, 1.5 Line Spacing.

##### **A.1. First Level heading [16 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

###### **A.1.1. Second level heading [14 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

###### **A.1.1.1. Third level heading [12 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

## Appendix B: Administrator Manual

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified] [Between 4 to 8 lines describe what is this appendix all about]

##### **B.1. First Level heading [16 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

###### **B.1.1. Second level heading [14 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

###### **B.1.1.1. Third level heading [12 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

## Appendix C: Information / Promotional Material

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified] [Between 4 to 8 lines describe what is this appendix all about]

## **C.1. Broacher**

## **C.2. Flyer**

## **C.3. Standee**

## **C.4. Banner**

## **C.5. First Level heading [16 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

### **C.1.1. Second level heading [14 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

#### **C.1.1.1. Third level heading [12 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

## **Appendix [no.]: Appendix Title**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing,  
Justified] *[Between 4 to 8 lines describe what is this chapter  
all about]*

## **A.1. First Level heading [16 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

### **A.1.1. Second level heading [14 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

#### **C.1.1.2. Third level heading [12 pt, Calibri, Bold, Left aligned]**

[Paragraph Text 12 pt, Calibri, 1.5 Line Spacing, Justified]

## Reference and Bibliography

- [1] M. Sher, M. Rehman, "*Title of the Paper*" Conference name/Journal Name, Edition, Volume, Issue, ISBN/ISSN, PP, Publisher/City-Country, Year.
- [2] <https://www.youtube.com/watch?v=q0DKozzXveU>
- [3] <https://www.youtube.com/watch?v=6oz8MKSh>
- CVE [4] <https://www.google.com/search?q=class+diagram&source=lnms&tbm=isch&sa=X&ved=0a>  
[hUKEwjFr5rYwuLfAhWkThUIHfJMDpgQ\\_AUIDigB#imgsrc=Wm1G4pBXUAnd0M:](https://www.google.com/search?q=class+diagram&source=lnms&tbm=isch&sa=X&ved=0a)
- [5] <https://www.youtube.com/watch?v=bPpw2i9OwV4>
- [6] <https://www.modernanalyst.com/Resources/Articles/tabid/115/ID/2018/End-to-End-UML-Sequence-Diagram.aspx>
- [7] <https://www.youtube.com/watch?v=6Cf7Qy1ULsw>
- [8] <https://www.youtube.com/watch?v=P8iMy5NrWNw>
- [9] <https://www.slideshare.net/creatly/component-diagram-templates-by-creatly>
- [10] <https://knowhow.visual-paradigm.com/openapi/component-diagram/>













