

# **WORKLORD**

PROJECT REPORT

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of

*Master of Computer Applications*



**Department of Management Studies Computer Applications**

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## DECLARATION

I undersigned here by declare that the project report “**WORKLORD**”, submitted for partial fulfillment of the requirements for the award of degree of Master of Computer Applications of the APJ Abdul Kalam Technological University, Kerala is a bonafide work done by me under supervision of Mr. Ajayakumar K K. This submission represents my ideas in my own words and where ideas or words of others have been included, I have adequately and accurately cited and referenced the original sources. I also declare that I have adhered to ethics of academic honesty and integrity and have not misrepresented or fabricated any data or idea or fact or source in my submission. I understand that any violation of the above will be a cause for disciplinary action by the institute and/or the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been obtained. This report has not been previously formed the basis for the award of any degree.

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### **CERTIFICATE**

This is to certify that the report entitled WORKLORD submitted by MOHAMMED ALTHAF T (LKMC18MCA026), ANJUSHA BJ (KMC18MCA002) to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications is a bonafide record of the project work carried out by him under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Supervisor

Project Coordinator

External Evaluator

HEAD OF THE DEPT

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## **ABSTRACT**

Technology has changed the way job seekers search for jobs and employers find qualified employees. While employers still advertise job openings through traditional advertising mediums, today employers and job seekers turn to online job portals to find employment matches. Job seekers can advertise their skills and search for available positions and employers can announce employment openings through job portals.

The proposed system "WORK LORD" is a web based application to give the job seekers a platform for finding right and satisfactory job according to their qualification and skills. It also connect the job seekers with the major companies. This application is mainly focused on the applicants, who are seeking jobs in CS (Computer Science) field. Job seekers can register themselves with resume at the website where as the employers register in the website and put job vacancies at their company. Employers can also browse through the posted resumes and user performance. The system provides jobs catalogue and information to members. The Admin and employers can keep the catalogue updated all the time so that the job seekers get the updated information all the time.

There are many job portals that claims to provide you the best job, but none of them address the issues faced by the job seekers. They face issues because of work experience, because Companies give more priority for experienced job seekers. And they are not calculating the skill level of the job seekers. In this project we provide the Job Seeker to express their skills by completing the tests provided by admin which helps employer to understand their skills in their fields easily. Also they will be getting tasks to complete for measuring their performance. Most scored/skilled persons will be highlighted top and gets faster job opportunities such as preferred employer, preferred technology should be there. Calculating skills will be a great option for freshers to seek jobs. The issues faced by freshers can solved by implementing these features in the web application. The priority based opportunities can be avoided by this. In our project we will be focusing on changing such attitude towards freshers.

# Chapter 1

## INTRODUCTION

The quality of people hired for a specific job is usually the key issue when measuring the effectiveness of the employment. However, in certain circumstances the speed of hiring is also an issue and also contribute to quality hiring. The rationale of a hiring process is to stretch out to potential employees and bring out the specific kind of required skills and experiences in the field organization. Online job portal system is fundamental in removal of paper works and introduction of workflow systems that connect job seekers and employers. At a very low cost, the internet offers employers and job searchers access to detailed and up-to-date information about job vacancies in different locations around the world.

WORKLORD project is aimed at developing a job portal friendly for non-experienced and experienced job seekers. The system project is an online web application which can be accessed from anywhere only with a proper login verification. Job seekers should be able to login and upload their resume and update their contact details. There are many job portals that claims to provide you the best job, but none of them address the real issues faced by the non-experienced job seekers. Companies give higher priority for experienced job seekers. They failes calculate the skill level of the job seekers.

In this project we insist the Job Seeker to complete specific tests provided by the admin which helps employer to understand job seeker's skills and performance in their fields. Also they will be getting tasks to express their performance and efficiency. Most scored/skilled persons will be getting more priorities, Options such as top scored candidate, preferred employer, preferred technology should be there. Calculating skills will be a great option for freshers to seek jobs. The issues faced by the new job seekers to find a perfect job with their skills is difficult. In our project we will try to change such attitude from companies towards freshers. This system gives the company to search for the best candidate available on the fields.

# Chapter 2

## LITERATURE SURVEY

### 2.0.1 Job Procurement

Old and New Ways Job seeking usually involves different ways to look for jobs such as through personal contacts, direct telephone calls to employers, job agency office, scanning online job listings etc. Before the Internet, became widely uses as a method of seeking jobs, jobseekers spent a lot of time using various methods to look for job openings. Today, jobseekers use online methods which are very convenient and save a lot of time. Eleanna Galanaki lists the following methods to be the traditional (old) ways for recruitment:

- Employment recruitment agencies
- Job fairs
- Advertising in the mass media such as newspapers
- Advertisement in television and radio
- Management Consultants
- Existing employee contacts
- Schools colleges or universities students services department
- Workers or professional referrals

These old job seeking methods are too slow, stressful, challenging and also lack quality. In addition, the applicants have to consider the cost and the amount of time to get the information they need, and other preparations they have to make. Finding all available job vacancies is a main step at in the job-seeking process. The Internet is now a powerful tool that jobseekers can use. Today, there are many sites that advertise job positions to be filled by people with certain skills in various fields. The Internet plays an important role in the area of human resource planning and development. Most organizations are now using computer technology and the Internet for staff recruitment. Although the Internet has facilitated the process of job-seeking, it has not replaced the traditional methods, completely.

## **2.0.2 Importance of Job Portals**

In the age of technology, the Internet has become the main source of information for jobseekers. Large corporations, institutions, and universities include information on career prospects on their websites. According to a survey, 70% of the workforce uses websites or portals on the Internet to search for jobs in France. These websites or portals provide a search engine to access information on job opportunities. The most employers are keen to use online recruitment methods of getting staff. It mentions that the online recruitment methods have the ability to identify the best applicants. That is the reason why more developed countries such as Malaysia have started to use online job portal as one of the important way to recruit people to fill job vacancies. A study done in 2006, found that 21% of internet users in the EU used the web to search for jobs or to send job applications. In 2007, this had increased to 67% for unemployed people.

## **2.0.3 Features of Job Portals**

One of the ways to improve employment mobility is to provide online job offer services. Online job portals can help jobseekers as they contain all required information about available vacancies in a single point. Such portals enhance efficiency in job recruitment as applicants can match their qualifications and skills to the requirements of employers. Generally, searching for jobs on the internet involves a process of information collecting because the job seeker gathers information contained in the job portals, during the search. A good job portal shares information and experiences with its members/users. This save time and efforts and better decisions can be made. Job openings requirements can be matched to an applicant's qualification and skills. In this way, job portals return not only the precise matches but also return the most similar match. The members of the European Commission (EC) stated that online job portals should have quite similar characteristics that include an online searchable database of positions for job searcher, facilities to send CVs to the website, email alerts of jobs which match the users profile, extra instruction, for example, about working in foreign countries or career guidance, the capability to manage job applications, employers must have the ability to publish and manage job positions, search the CV database, and have online contact with potential jobseekers.



## 2.0.4 References

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# Chapter 3

## SYSTEM ANALYSIS

### 3.1 Existing system

The traditional hiring of employees starts with the processing of application forms, describe the job for each position, verify application forms and lastly evaluate the best person for the job. The whole process from advertisement to hiring a quality applicant takes a lot of time, effort and also has more weakness. The advertisement itself is costly especially when done through print media. therefore, the publication of the job adverts will only last for a very short time and in that case few people will have seen the job vacancy. Thus, the traditional recruitment process is not be the best in today's competitive job market.

The question here is how this could be made efficient and possible. This question or problem solved by an online job portal system which is set to transform the way in which companies and other employers recruit their employees. The Job seeker Functions concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. The users can perform some tasks without registering or without entering into the application. He can search for the jobs in the site. He can view the information which is available for the job seekers. Also view the walk-in details. The job seeker can perform some tasks only after entering into the application. In any situation the job seeker needs to change his password then he can change on his own. He can view the details of his own profile and he can modify his details in his profile. The employer can view his own profile and they can also post new job vacancies and they can view the candidates resumes applied for jobs. The admin functions concentrates on maintain the functionality of site. Proper management of complete job seeker section and employer section is his responsibility.

## 3.2 Proposed system

The proposed system "WORKLORD" is a web based application is to give the job seekers a platform for finding right and satisfactory job according to their qualification and skills. It also connect the job seekers with the major companies. Job Portal is a platform that joins recruiters and the job seekers to complete their goals and requirements. Recruiters look for a right candidate who has the right qualification to handle the responsibilities efficiently. On the other hand, job seekers want a job where they can apply their skills and knowledge to grow their professional career. Most of the jobseekers who're actively seeking new employment opportunities are believed to be registered on multiple job portals. Finding a job opportunity per your choice and qualification through a job portal is relatively easier. There are many job portals that claims to provide you the best job, but none of them address the issues faced by the new job seekers. Most of portals give higher priority for experienced job seekers.

Job portals requires features like profile management, view notifications and other filtering options to match with the company with their skills. The users can perform some tasks without registering like he can search for the job vacancies, walk-in details which available in the notifications section. The job seeker can perform some tasks only after registration. After registering he can attend for tests and complete tasks. He can also view and modify his profile and also he can change his password. The employer can view their profile and they can post new job vacancies. They can also view the candidates resumes applied for jobs. The admin functions concentrates on maintaining the functionality of site. Proper management of complete job seeker section and employer section is his responsibility. He also provides tasks and updates test datas. Users analytics shows you a compiled listing of all users and the time they have spent using their Skills. Users analytics is one of the more important analytics sets when they are trying to calculate skills relating to an individual. We can check into a particular individual's performance and see how they are performing. Many companies prefer employees with good experiences and reputation in their previous job rather than freshers. This causes issues with finding jobs for freshers with right skills. In this project we will be trying to change such attitude towards freshers. This system facilitate the company to search for the best candidate available and employ them as employers to improve efficiency on the employment sector.

## **3.3 Module Description**

### **3.3.1 User**

- Search for Job Posts
- Apply Online for Job Posts
- Attend Exams in the website
- Complete Tasks
- Update Profile and Resume
- Send Reply to Applied Job's Company
- View Application's Status
- View Scores in Exams and Task

### **3.3.2 Company**

- Add Job Posts
- Review Applications
- Download Applicant's Resume
- Contact Applicant
- View Messages from User
- View Exams and Task Scores

### **3.3.3 Admin**

- Manage Active Jobs
- Manage Users
- Manage Companies
- Add Exams and Update Questions
- Add Tasks
- Review Task
- View Task/Exam Scores

## **3.4 Feasibility Study**

### **3.4.1 Operational Feasibility**

This Project is beneficial to people who wants to meet the qualifications of theirs and company's requirements. There's not much difficulty in, implementing the proposed system, It is so more effective, user friendly and functionally reliable to everyone. WORK-LORD job portal is beneficial for every new job seekers, They can access this web portal from any where. This website can be accessed from any devices like laptop or smartphone with internet connection. Any of the user with good internet connection can register the website and complete tests and wait for right company to pick them up, users can make use of this portal by completing tasks which improves their skills.

### **3.4.2 Technical Feasibility**

Technical Feasibility study deals with the hardware as well as software requirements. We have to determine whether the project done with the current technology has been examined in the feasibility study. The proposed system requires software like gedit and web server solution application called Xampp both are available for free. The website can also be easily upgraded to the higher level with less effort and maintenance. This website can be easily accessed with user's smartphone from anywhere with internet connection and portal is very much user friendly. Hence the Proposed system is technically feasible.

### **3.4.3 Economic Feasibility**

Economic feasibility determines whether the proposed system is capable of generating profit for an organization. It involves cost incurred on the development team, estimated cost of hardware and cost of performing feasibility study and so on, this website was developed with the available resources. Since cost of input for the system is almost zero. The output of the website is always a profit for the user and we see this as a service. This website doesn't cost any charge from the job seeker who is accessing it. Since the website can be accessed from any device with internet connection there is no need for a specific hardware. Hence it is economically feasible.

## **3.5 System Environment**

- Back-end : PHP,MYSQL(Database)
- Front-end : Javascript,Bootstrap,Html,CSS

### **3.5.1 Minimum Requirements (User)**

- Computer/Laptop/Mobile
- Any OS with Updated Browser
- Stable Internet Access

### **3.5.2 Minimum Requirements (Developer)**

- Processor : Intel Pentium/Celeron or newer
- Memory : 2 GB RAM
- Storage : 20 GB HDD/SSD (Recommended)
- Operating System : Linux
- Text Editor : Gedit
- Web server solution : Xampp
- Browser : Chrome
- Other Utils : Git
- Stable Internet Access

## **3.6 Actor and Their Roles**

### **3.6.1 User**

- Register
- Login
- Attend Tests
- Complete Task
- Edit User details
- Apply for Jobs
- Reply Messages from Company
- View Scores

### **3.6.2 Company**

- Register
- Login
- Edit Company details
- View qualified users
- Add Job Posts
- Review Job Applications
- Download Resumes
- Send Messages to Applicants

### **3.6.3 Admin**

- Login
- View/Edit Users
- Approve Companies
- View/Edit Jobs
- Add Exams and Update Questions
- Add New Tasks
- Review Tasks

# **Chapter 4**

## **METHODOLOGY**

### **4.1 Introduction**

This project follows Agile methodology. Agile software development comprises various approaches to software development under which requirements and solutions evolve through the collaborative effort of self organizing and cross-sectional teams and their customers/end users. It advocates adaptive planning, evolutionary development, early delivery and continuous improvement and it encourage rapid and flexible response to change.



## 4.2 UML Diagrams

### 4.2.1 Activity Diagram

- USER

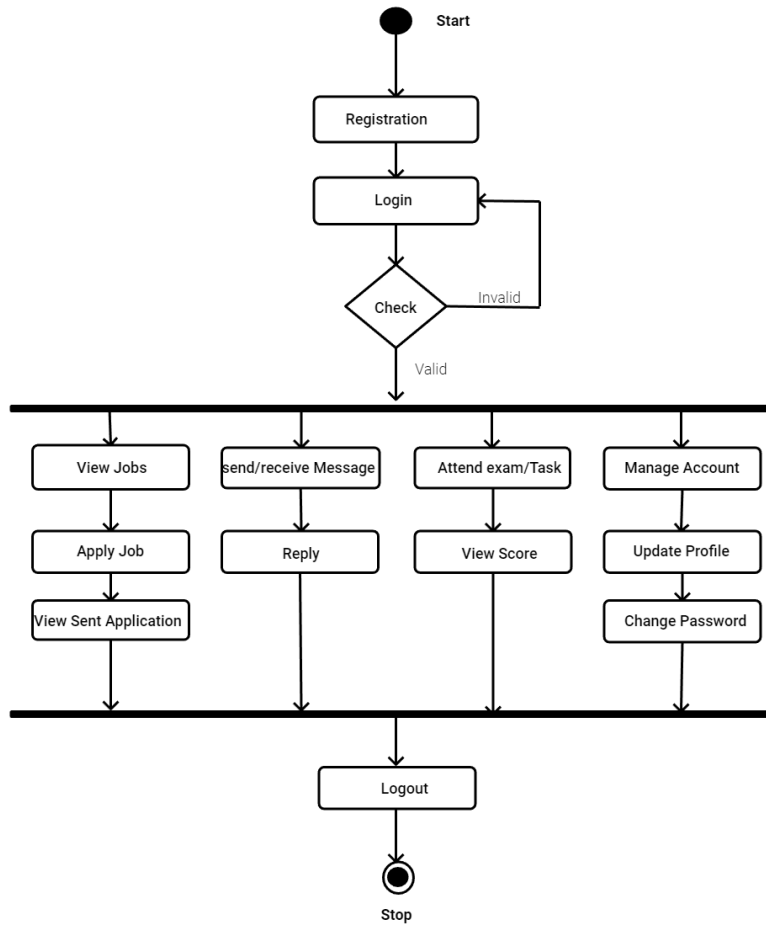


Figure 4.1: User's Activity Diagram

## - COMPANY

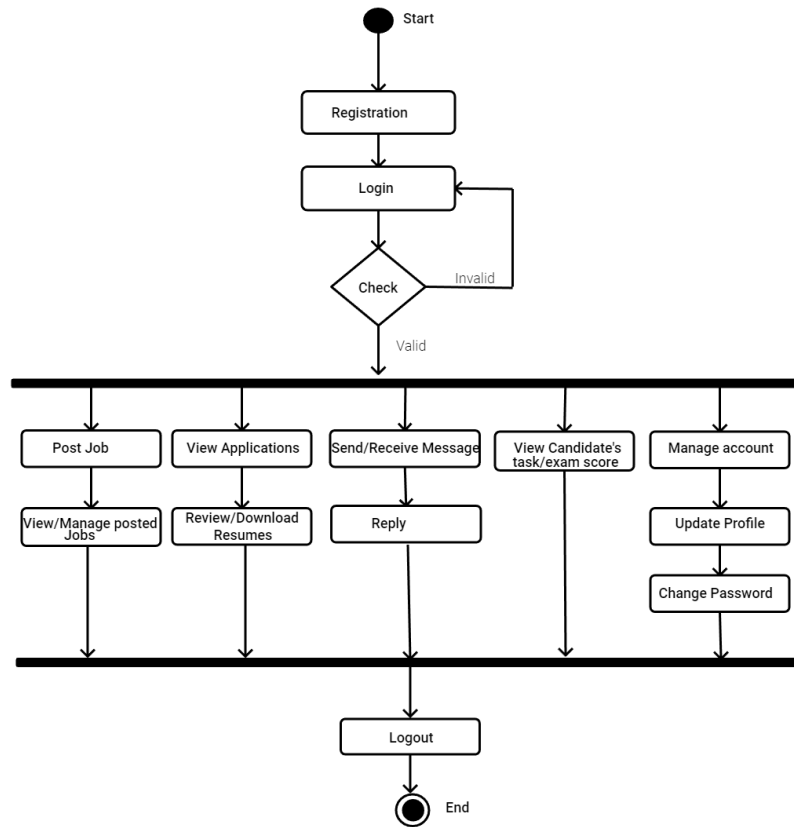


Figure 4.2: Company's Activity Diagram

**- ADMIN**

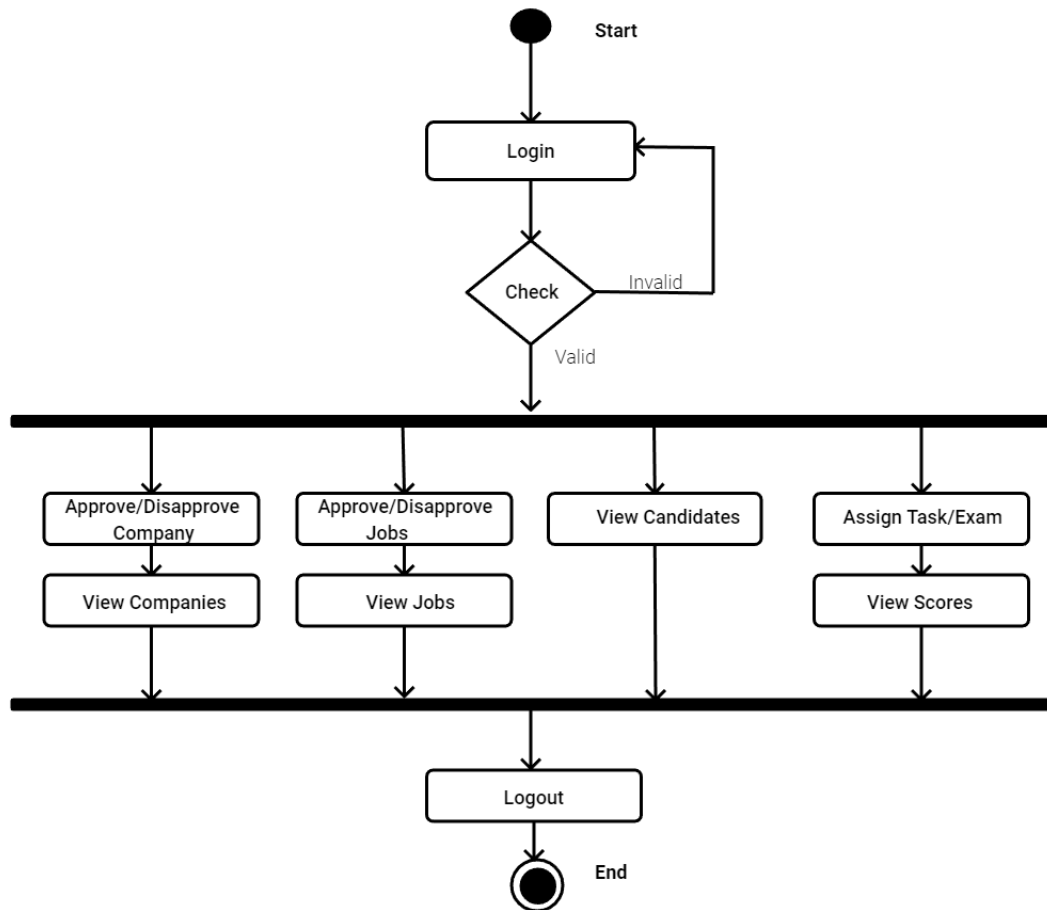


Figure 4.3: Admin's Activity Diagram

## 4.2.2 UseCase Diagrams

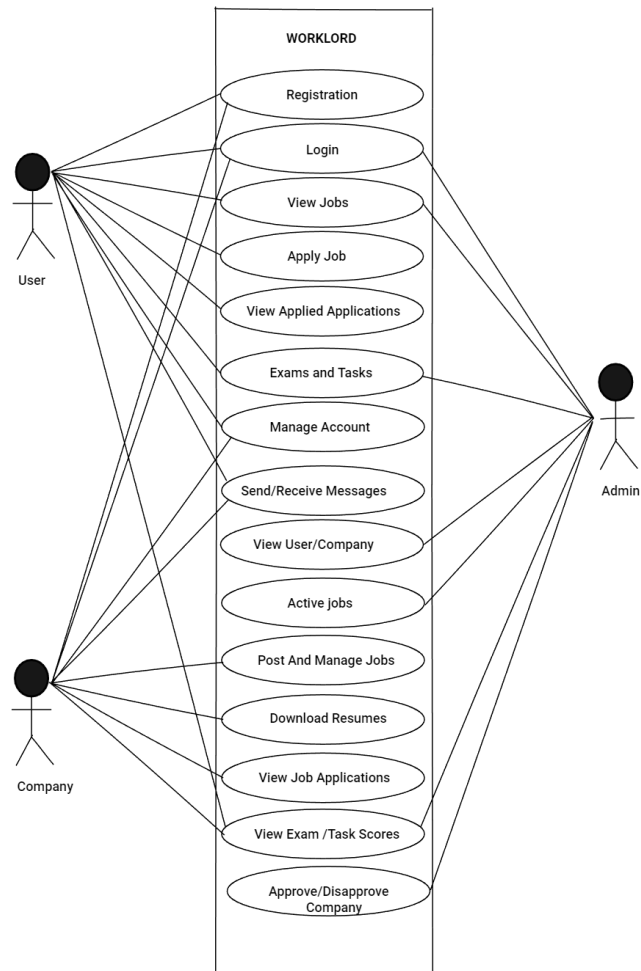


Figure 4.4: UseCase Diagram

### 4.3 User Story

User story ID	As a <Type of Users>	I want to <Perform some task>	So that I can <Achieve some goal >
1	Admin/User/Company	Home Page	Go to other activities
2	User/Company	Registration	Access the system
3	Admin/User/Company	Login	Access the system
4	Admin	View companies	View companies
5	Admin	Approve,Disapprove company	Manage companies
6	Company	Post jobs	Add Job vaccancies
7	Admin	View jobs,Delete Jobs	Manage jobs
8	User	Search jobs,View jobs,Apply job,View job applications	Search jobs,View jobs,Apply job,View job applications
9	Company	View posted jobs	Manage posted jobs
10	Company	View applications,Download Resumes	View job applications,Download Resumes
11	Admin	Create exams,Add questions	Create exams,Add questions
12	Admin	Create tasks	Create tasks
13	User	Attend exam	Attend exam
14	Admin	View candidates	View candidates
15	User	Attend task	Attend task
16	Admin/User/Company	View exam,task scores	Understand knowledge, skills of candidates
17	User/Company	Send and Receive Messages	Send/Receive Messages
18	User/Company	Manage account	Update Profile,Change Password

Figure 4.5: User Story

## 4.4 Product Backlog

USER STORY ID	PRIORITY (LOW,HIGH, MEDIUM)	SIZE	SPRINT	STATUS (PLANNED, PRO-GRESSED, COM-PLETED)	RELEASE DATE	RELEASE GOAL
1	HIGH	8	1	Planned	15-09-2020	Login to the sys-tem
2	HIGH	7		Planned	18-09-2020	Access the sys-tem
3	HIGH	8		Planned	20-09-2020	Access the ac-count
4	MEDIUM	8		Planned	23-09-2020	View companies
5	HIGH	5		Planned	27-09-2020	Manage compa-nies
6	HIGH	7	2	Planned	30-09-2020	Add job vac-canices
7	HIGH	6		Planned	04-10-2020	Manage jobs
8	MEDIUM	10		Planned	10-10-2020	Search jobs,View jobs,Apply job,View job applications
9	HIGH	6		Planned	11-10-2020	Manage posted jobs
10	HIGH	9	3	Planned	14-10-2020	View applica-tions,Download Resumes
11	MEDIUM	6		Planned	19-10-2020	Create ex-ams,Add ques-tions
12	HIGH	6		Planned	22-10-2020	Create tasks
13	MEDIUM	6		Planned	26-10-2020	Attend exams

<b>USER STORY ID</b>	<b>PRIORITY (LOW,HIGH, MEDIUM)</b>	<b>SIZE</b>	<b>SPRINT</b>	<b>STATUS (PLANNED, PRO-GRESSED, COM-PLETED)</b>	<b>RELEASE DATE</b>	<b>RELEASE GOAL</b>
14	MEDIUM	10	4	Planned	28-10-2020	View Candi- dates
15	HIGH	10		Planned	31-10-2020	Attend task
16	MEDIUM	7		Planned	02-11-2020	Understand knowledge, skills of candi- dates
17	HIGH	8		Planned	05-11-2020	Send/Receive Messages
18	HIGH	8		Planned	08-11-2020	Update Pro- file, Change password

Figure 4.6: Product Backlog

## 4.5 Project Plan

USER STORY ID	TASK NAME	START DATE	END DATE	DAYS	STATUS ( TO BE FILLED BY SCRUM MASTER )
1	SPRINT 1	14-09-2020	15-09-2020	2	Completed
2		16-09-2020	18-09-2020	3	Completed
3		19-09-2020	20-09-2020	2	Completed
4		21-09-2020	23-09-2020	3	Completed
5		24-09-2020	27-09-2020	4	Completed
6	SPRINT 2	28-09-2020	30-09-2020	3	Completed
7		01-10-2020	04-10-2020	4	Completed
8		05-10-2020	10-10-2020	6	Completed
9		11-10-2020	11-10-2020	1	Completed
10	SPRINT 3	12-10-2020	14-10-2020	3	Completed
11		15-10-2020	19-10-2020	5	Completed
12		20-10-2020	22-10-2020	3	Completed
13		23-10-2020	26-10-2020	4	Completed
14	SPRINT 4	27-10-2020	28-10-2020	2	Completed
15		29-10-2020	31-10-2020	3	Completed
16		01-11-2020	02-11-2020	2	Completed
17		03-11-2020	05-11-2020	3	Completed
18		06-11-2020	08-11-2020	3	Completed

Figure 4.7: Project Plan



## 4.6 Sprint Backlog Planned

### 4.6.1 Sprint 1

Backlog items	Completion date	Original Estimated hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
			14/9/2020	15/09/2020	16/09/2020	17/09/2020	18/09/2020	19/09/2020	20/09/2020	21/09/2020	22/09/2020	23/09/2020	24/09/2020	25/09/2020	26/09/2020	27/09/2020
			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
<b>User Story 1</b>																
Form Design	15-09-2020	4	2	2												
Table Creation	15-09-2020	3	1	2												
Coding	15-09-2020	2		2												
Testing	15-09-2020	1		1												
<b>User Story 2</b>																
Form Design	17-09-2020	5			3	2										
Table Creation	18-09-2020	4			2	1	1									
Coding	18-09-2020	3			1	2										
Testing	18-09-2020	1					1									
<b>User Story 3</b>																
Form Design	19-09-2020	3						3								
Table Creation	20-09-2020	4						2	2							
Coding	20-09-2020	2						1	1							
Testing	20-09-2020	1							1							
<b>User Story 4</b>																
Form Design	22-09-2020	6								3	3					
Table Creation	23-09-2020	3								2	1					
Coding	23-09-2020	4									2	1				
Testing	23-09-2020	1										1				
<b>User Story 5</b>																
Form Design	25-09-2020	6											3	3		
Table Creation	25-09-2020	3											2	1		
Coding	26-09-2020	5												3	2	
Testing	27-09-2020	1														1

Figure 4.8: Sprint 1

## 4.6.2 Sprint 2

Backlog items	Completion date	Original Estimated hours	Day 1 28/9/2020	Day 2 29/09/2020	Day 3 30/09/2020	Day 4 01/10/2020	Day 5 02/10/2020	Day 6 03/10/2020	Day 7 04/10/2020	Day 8 05/10/2020	Day 9 06/10/2020	Day 10 07/10/2020	Day 11 08/10/2020	Day 12 09/10/2020	Day 13 10/10/2020	Day 14 11/10/2020
<b>User Story 6</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	29-09-2020	4	2	2												
Table Creation	29-09-2020	2	1	1												
Coding	30-09-2020	4		2	2											
Testing	30-09-2020	2			2											
<b>User Story 7</b>																
Form Design	02-10-2020	4				2	2									
Table Creation	02-10-2020	2					2									
Coding	04-10-2020	5						3	2							
Testing	04-10-2020	2						1	1							
<b>User Story 8</b>																
Form Design	06-10-2020	4								2	2					
Table Creation	07-10-2020	2										2				
Coding	09-10-2020	7										2	2	2	1	
Testing	09-10-2020	3											1	1	1	
<b>User Story 9</b>																
Form Design	10-10-2020	3														3
Table Creation	10-10-2020	1														1
Coding	11-10-2020	3														3
Testing	11-10-2020	2														2

Figure 4.9: Sprint 2

### 4.6.3 Sprint 3

Backlog items	Completion date	Original Estimated hours	Day 1 12/10/2020	Day 2 13/10/2020	Day 3 14/10/2020	Day 4 15/10/2020	Day 5 16/10/2020	Day 6 17/10/2020	Day 7 18/10/2020	Day 8 19/10/2020	Day 9 20/10/2020	Day 10 21/10/2020	Day 11 22/10/2020	Day 12 23/10/2020	Day 13 24/10/2020	Day 14 25/10/2020	Day 15 26/10/2020
<b>User Story 10</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	13-10-2020	7	3	4													
Table Creation	13-10-2020	1	1														
Coding	14-10-2020	7	2	2	3												
Testing	14-10-2020	2			2												
<b>User Story 11</b>																	
Form Design	17-10-2020	8				3	3	2									
Table Creation	17-10-2020	3				3											
Coding	19-10-2020	8					1	2	3	3							
Testing	19-10-2020	2						1	1								
<b>User Story 12</b>																	
Form Design	21-10-2020	8									4	4					
Table Creation	21-10-2020	3									3						
Coding	22-10-2020	8										4	4				
Testing	22-10-2020	2										1	1				
<b>User Story 13</b>																	
Form Design	24-10-2020	8											4	4			
Table Creation	24-10-2020	3											3				
Coding	26-10-2020	8												2	3	3	
Testing	26-10-2020	2													1	1	

Figure 4.10: Sprint 3

## 4.6.4 Sprint 4

Backlog items	Completion date	Original Estimated hours	Day 1 27/10/2020	Day 2 28/10/2020	Day 3 29/10/2020	Day 4 30/10/2020	Day 6 31/10/2020	Day 7 01/11/2020	Day 8 02/11/2020	Day 9 03/11/2020	Day 10 04/11/2020	Day 11 05/11/2020	Day 12 06/11/2020	Day 13 07/11/2020	Day 14 08/11/2020
<b>User Story 14</b>			Hours					Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	28-10-2020	3	3												
Table Creation	28-10-2020	0	0												
Coding	28-10-2020	5	5												
Testing	28-10-2020	1	1												
<b>User Story 15</b>															
Form Design	29-10-2020	7		3	4										
Table Creation	29-10-2020	1			1										
Coding	31-10-2020	7			3	2	2								
Testing	31-10-2020	2				1	1								
<b>User Story 16</b>															
Form Design	01-11-2020	4						4							
Table Creation	01-11-2020	2						2							
Coding	02-11-2020	6						2	4						
Testing	02-11-2020	2							2						
<b>User Story 17</b>															
Form Design	03-11-2020	6								4	2				
Table Creation	03-11-2020	2									2				
Coding	05-11-2020	7									2	5			
Testing	05-11-2020	2									1	1			
<b>User Story 18</b>															
Form Design	07-11-2020	7											4	3	
Table Creation	07-11-2020	0													
Coding	08-11-2020	8											2	4	2
Testing	08-11-2020	2												1	1

Figure 4.11: Sprint 4

## 4.7 Sprint Backlog Actual

### 4.7.1 Sprint 1

Backlog Items	Completion date	Original Estimated hours	Day 1 14/9/2020	Day 2 15/09/2020	Day 3 16/09/2020	Day 4 17/09/2020	Day 5 18/09/2020	Day 6 19/09/2020	Day 7 20/09/2020	Day 8 21/09/2020	Day 9 22/09/2020	Day 10 23/09/2020	Day 11 24/09/2020	Day 12 25/09/2020	Day 13 26/09/2020	Day 14 27/09/2020
<b>User Story 1</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	15-09-2020	4	2	2												
Table Creation	15-09-2020	3	1	2												
Coding	15-09-2020	3		3												
Testing	15-09-2020	1		1												
<b>User Story 2</b>																
Form Design	17-09-2020	6			3	3										
Table Creation	18-09-2020	4			2	1	1									
Coding	18-09-2020	6			1	2	3									
Testing	18-09-2020	2					2									
<b>User Story 3</b>																
Form Design	19-09-2020	3						3								
Table Creation	20-09-2020	3						2	1							
Coding	20-09-2020	4						1	3							
Testing	20-09-2020	2							2							
<b>User Story 4</b>																
Form Design	22-09-2020	6								3	3					
Table Creation	23-09-2020	3								2	1					
Coding	23-09-2020	5									2	3				
Testing	23-09-2020	1										1				
<b>User Story 5</b>																
Form Design	25-09-2020	6											3	3		
Table Creation	25-09-2020	3											2	1		
Coding	26-09-2020	7												3	4	
Testing	27-09-2020	2														2

Figure 4.12: Sprint 1

## 4.7.2 Sprint 2

Backlog items	Completion date	Original Estimated hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
			28/9/2020	29/09/2020	30/09/2020	01/10/2020	02/10/2020	03/10/2020	04/10/2020	05/10/2020	06/10/2020	07/10/2020	08/10/2020	9/10/2020	10/10/2020	11/10/2020
<b>User Story 6</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	29-09-2020	5	3	2												
Table Creation	29-09-2020	2	1	1												
Coding	30-09-2020	6		3	3											
Testing	30-09-2020	2			2											
<b>User Story 7</b>																
Form Design	02-10-2020	4				2	2									
Table Creation	02-10-2020	2					2									
Coding	04-10-2020	6						3	3							
Testing	04-10-2020	2						1	1							
<b>User Story 8</b>																
Form Design	06-10-2020	6								3	3					
Table Creation	07-10-2020	2										2				
Coding	09-10-2020	9										3	3	2	1	
Testing	09-10-2020	3											1	1	1	
<b>User Story 9</b>																
Form Design	10-10-2020	3														3
Table Creation	10-10-2020	1														1
Coding	11-10-2020	3														3
Testing	11-10-2020	2														2

Figure 4.13: Sprint 2

### 4.7.3 Sprint 3

Backlog items	Completion date	Original Estimated hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19
			12/10/2020	13/10/2020	14/10/2020	15/10/2020	16/10/2020	17/10/2020	18/10/2020	19/10/2020	20/10/2020	21/10/2020	22/10/2020	23/10/2020	24/10/2020	25/10/2020	26/10/2020	27/10/2020	28/10/2020	29/10/2020	30/10/2020
<b>User Story 10</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	13-10-2020	8	4	4																	
Table Creation	13-10-2020	1		1																	
Coding	14-10-2020	8	2	2	4																
Testing	14-10-2020	2			2																
<b>User Story 11</b>																					
Form Design	17-10-2020	9				3	3	3													
Table Creation	17-10-2020	1						1													
Coding	19-10-2020	13					1	3	5	4											
Testing	19-10-2020	2							1	1											
<b>User Story 12</b>																					
Form Design	21-10-2020	8									4	4									
Table Creation	21-10-2020	1										1									
Coding	24-10-2020	12										4	4	3	1						
Testing	24-10-2020	2												1	1						
<b>User Story 13</b>																					
Form Design	27-10-2020	10														3	3	4			
Table Creation	26-10-2020	1															1				
Coding	30-10-2020	13																2	4	4	3
Testing	30-10-2020	2																			2

Figure 4.14: Sprint 3

## 4.7.4 Sprint 4

Backlog items	Completion date	Original Estimated hours	Day 1 31/10/2020	Day 2 01/11/2020	Day 3 02/11/2020	Day 4 03/11/2020	Day 5 04/11/2020	Day 6 05/11/2020	Day 7 06/11/2020	Day 8 07/11/2020	Day 9 08/11/2020	Day 10 09/11/2020	Day 11 10/11/2020	Day 12 11/11/2020	Day 13 12/11/2020	Day 14 13/11/2020
<b>User Story 14</b>			Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
Form Design	31-10-2020	2	2													
Table Creation	31-10-2020	0	0													
Coding	31-10-2020	4	4													
Testing	31-10-2020	1	1													
<b>User Story 15</b>																
Form Design	03-11-2020	8		3	3	2										
Table Creation	01-11-2020	1		1												
Coding	04-11-2020	10		2	3	4	1									
Testing	04-11-2020	3			1	1	1									
<b>User Story 16</b>																
Form Design	08-11-2020	4						2			1	1				
Table Creation	11-11-2020	1							1							
Coding	11-11-2020	8						2		1	2		2	1		
Testing	11-11-2020	5										3	1	1		
<b>User Story 17</b>																
Form Design	12-11-2020	4													3	1
Table Creation	11-11-2020	1													1	
Coding	13-11-2020	6													3	3
Testing	13-11-2020	2													1	1

Figure 4.15: Sprint 4



Backlog items	Completion date	Original Estimated hours	Day 15	Day 16
			14/11/2020	15/11/2020
<b>User Story 18</b>			Hours	Hours
Form Design	14-11-2020	3	3	
Table Creation	14-11-2020	1	1	
Coding	15-11-2020	5	3	2
Testing	15-11-2020	3	1	2

Figure 4.16: Sprint 4

## 4.8 Sprint Review

User story ID	Comments from scrum master if any	Comments from product owner if any
1	satisfied	satisfied
2	completed	Data enter in registration form must preserve whenever an error occurs during the form validation time.
3	satisfied	satisfied
4	satisfied	satisfied
5	satisfied	satisfied

Figure 4.17: Sprint 1

User story ID	Comments from scrum master if any	Comments from product owner if any
6	satisfied	satisfied
7	satisfied	satisfied
8	satisfied	satisfied
9	satisfied	satisfied

Figure 4.18: Sprint 2

User story ID	Comments from scrum master if any	Comments from product owner if any
10	satisfied	satisfied
11	satisfied	satisfied
12	satisfied	satisfied
13	completed	Remove user id,user name and status in user view exam result.

Figure 4.19: Sprint 3

User story ID	Comments from scrum master if any	Comments from product owner if any
14	satisfied	satisfied
15	satisfied	satisfied
16	satisfied	satisfied
17	satisfied	satisfied
18	satisfied	satisfied

Figure 4.20: Sprint 4

## 4.9 Database Design

### 4.9.1 Login Table

Both users and company can access their account only after login in to the system with proper username and password. This Table stores username and password of both users and company who registered in the website.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	loginid	INT(3)	PRIMARY KEY	User's ID
2	email	VARCHAR(30)	UNIQUE	User's Email
3	password	VARCHAR(20)	NOTNULL	User's Password
4	role	VARCHAR(10)	NOTNULL	Usertype

Table 4.1: Login Table

### 4.9.2 Company Table

Any companies can get the functionality of the system only after their registration. This Table stores Company details uploaded at the time of registration.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	companyid	INT(11)	PRIMARY KEY	Company ID
2	name	VARCHAR(50)	NOTNULL	Employer's Name
3	companyname	VARCHAR(50)	NOTNULL	Company Name
4	country	VARCHAR(50)	NOTNULL	Company Country
5	state	VARCHAR(10)	NOTNULL	Company State
6	city	VARCHAR(50)	NOTNULL	Company City
7	contactno	VARCHAR(50)	NOTNULL	Company Phone Number
8	website	VARCHAR(50)	NOTNULL	Company Website
9	email	VARCHAR(50)	UNIQUE	Company's Email
10	aboutme	VARCHAR(100)	NOTNULL	About Company
11	logo	VARCHAR(100)	NOTNULL	Company Logo Name
12	active	INT(2)	NOTNULL	Account Status

Table 4.2: Company Table

### 4.9.3 User Table

Any users can get the functionality of the system only after their registration. This Table stores details of Users uploaded at the time of registration.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	userid	INT(11)	PRIMARY KEY	User's ID
2	firstname	VARCHAR(50)	NOTNULL	User's Firstname
3	lastname	VARCHAR(50)	NOTNULL	User's Lastname
4	email	VARCHAR(50)	UNIQUE	User's Email
5	address	VARCHAR(50)	NOTNULL	User's Address
6	country	VARCHAR(50)	NOTNULL	User's Address
7	city	VARCHAR(50)	NOTNULL	User's Country
8	state	VARCHAR(10)	NOTNULL	User's State
9	contactno	VARCHAR(50)	NOTNULL	User's Phone Number
10	qualifications	VARCHAR(50)	NOTNULL	User's Qualifications
11	stream	VARCHAR(20)	NOTNULL	User's Course
12	passingyear	VARCHAR(10)	NOTNULL	User's Year Of Passing
13	dob	DATE	NOTNULL	User's Date Of Birth
14	age	INT(3)	NOTNULL	User's Age
15	designation	VARCHAR(50)	NOTNULL	User's Preferred Designation
16	aboutme	VARCHAR(100)	NOTNULL	About User
17	skills	VARCHAR(50)	NOTNULL	User's Skills
18	resume	VARCHAR(100)	NOTNULL	User's Resume Name

Table 4.3: User Table

#### 4.9.4 Countries Table

This table stores the country's name.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	id	INT(11)	PRIMARY KEY	Country ID
2	name	VARCHAR(150)	UNIQUE	Country Name

Table 4.4: Country Table

#### 4.9.5 States Table

This table stores the names of states in each country.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	id	INT(11)	PRIMARY KEY	State ID
2	name	VARCHAR(30)	UNIQUE	State Name
3	countryid	INT(11)	FOREIGN KEY	Country ID

Table 4.5: States Table

#### 4.9.6 Cities Table

This table stores the names of cities in each state.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	id	INT(11)	PRIMARY KEY	City ID
2	name	VARCHAR(30)	NOTNULL	City Name
3	stateid	INT(11)	FOREIGN KEY	State ID

Table 4.6: Cities Table

#### 4.9.7 Job Post Table

Each registered company can post the job vacancies in their company. This Table stores Job Posts Details provided by the Companies

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	postid	INT(3)	PRIMARY KEY	Post ID
2	companyid	INT(3)	FOREIGN KEY	Company ID
3	jobtitle	VARCHAR(20)	NOTNULL	Job Title
4	description	VARCHAR(50)	NOTNULL	About Job
5	minimumsalary	VARCHAR(20)	NOTNULL	Minimum Salary
6	maximumsalary	VARCHAR(20)	NOTNULL	Maximum Salary
7	experience	INT(3)	NOTNULL	Experience State
8	qualifications	VARCHAR(50)	NOTNULL	Job Qualifications
9	duedate	DATE	NOTNULL	Due Date

Table 4.7: Job Post Table

#### 4.9.8 Job Apply Table

Users can view the job vacancies posted by different companies and they can apply for jobs according to their interest. This Table stores Applied User's details and status of Application

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	applyid	INT(3)	PRIMARY KEY	Job Application Apply ID
2	jobpostid	INT(3)	FOREIGN KEY	Job Post ID
3	companyid	INT(3)	FOREIGN KEY	Company ID
4	userid	INT(3)	FOREIGN KEY	User's ID
5	status	INT(3)	NOTNULL	Application Status

Table 4.8: Job Apply Table

#### 4.9.9 Exams Table

Admin conduct exams for candidates to know their knowledge. Admin create exams and this Table stores that Exam details.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	examid	INT(3)	PRIMARY KEY	Exam ID
2	examname	VARCHAR(30)	NOTNULL	Exam Name
3	duration	INT(3)	NOTNULL	Exam Duration
4	passmark	INT(5)	NOTNULL	Exam Passmark
5	terms	VARCHAR(150)	NOTNULL	Exam Terms

Table 4.9: Exams Table

#### 4.9.10 Exam Questions Table

Admin conduct exams for candidates to know their knowledge, so admin need to be add and update questions. This table stores the questions for each exams.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	questionid	INT(3)	PRIMARY KEY	Question ID
2	examid	VARCHAR(15)	FOREIGN KEY	Exam ID
3	type	VARCHAR(50)	NOTNULL	Question Category
4	question	LONGTEXT	NOTNULL	Question
5	option1	VARCHAR(50)	NOTNULL	Question Option 1
6	option2	VARCHAR(50)	NOTNULL	Question Option 2
7	option3	VARCHAR(50)	NOTNULL	Question Option 3
8	option4	VARCHAR(50)	NOTNULL	Question Option 4
9	answer	VARCHAR(50)	NOTNULL	Question Answer

Table 4.10: Exam Questions Table

#### 4.9.11 Assessment Record Table

Each candidates should attend the exam assigned by the admin and the exam score can be view by the admin,company and user.This table store exam scores of each candidates.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	recordid	INT(3)	PRIMARY KEY	Record ID
2	userid	INT(3)	FOREIGN KEY	User's ID
3	examid	VARCHAR(20)	FOREIGN KEY	Exam ID
4	score	INT(5)	NOTNULL	User's Score
5	status	INT(2)	NOTNULL	Result Status
6	date	DATE	NOTNULL	Exam Date

Table 4.11: Assessment Record Table

#### 4.9.12 Task Table

Admin assign different tasks for candidates to know their skills. This table store task details that assigned by admin for candidates.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	taskid	INT(3)	PRIMARY KEY	Task ID
2	taskname	VARCHAR(50)	NOTNULL	Task Name
3	question	VARCHAR(500)	NOTNULL	Question
4	passmark	INT(3))	NOTNULL	Pass Mark
5	terms	LONGTEXT	NOTNULL	Task Details
6	status	INT(2)	NOTNULL	Task Status

Table 4.12: Task Table



### 4.9.13 Task Submit Table

Each candidate responsible for complete the task assigned for them. This table stores candidates's submitted task details, status and scores.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	taskid	INT(3)	PRIMARY KEY	Task ID
2	userid	INT(3)	FOREIGN KEY	Candidate ID
3	tasksubmitdate	DATE	NOTNULL	Task Submit Date
4	tasksubmitstatus	INT(5)	NOTNULL	Task Submit Status
5	taskreviewstatus	INT(5)	NOTNULL	Task Review Status
6	tasklink	VARCHAR(200)	NOTNULL	Task Github Link
7	taskscore	INT(10)	NOTNULL	Task Status

Table 4.13: Tasks Submit Table

### 4.9.14 MailBox

There is an option to make communication between user and company. This Table stores Mail details that is to be send/receive from user/company.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	idmailbox	INT(3)	PRIMARY KEY	Mail ID
2	idfromuser	INT(3)	NOTNULL	ID of user send message
3	fromuser	VARCHAR(10)	NOTNULL	Type of user who send
4	idtouser	INT(3)	NOTNULL	The id of user to be send
5	subject	VARCHAR(100)	NOTNULL	Message subject
6	message	VARCHAR(300)	NOTNULL	Message
7	date	DATE	NOTNULL	Date of message creation

Table 4.14: MailBox Table

#### 4.9.15 Reply MailBox

There is an option to make communication between user and company. This Table stores Mail details that is to be send/receive from user/company.

No.	FIELD NAME	TYPE	CONSTRAINTS	DESCRIPTION
1	idreply	INT(3)	PRIMARY KEY	ID of reply message
2	idmailbox	INT(3)	FOREIGN KEY	Mail ID
3	iduser	VARCHAR(10)	FOREIGN KEY	ID of user
4	usertype	INT(3)	FOREIGN KEY	Type of user
6	message	VARCHAR(300)	NOTNULL	Message
7	date	DATE	NOTNULL	Date of message creation

Table 4.15: ReplyMailBox Table

## 4.10 User Interface Design

### 4.10.1 Homepage

Homepage of Worklord Website

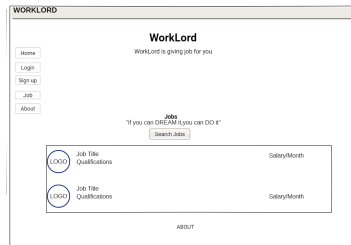


Figure 4.21: Homepage

### 4.10.2 Login

Login Page for admin,company and users



Figure 4.22: Login

### 4.10.3 Job Search

Helps to Search Available Jobs in the website

The screenshot shows a window titled "Jobs" with standard window controls. The main heading is "Latest Jobs". Below it is a "Search job" input field. To the left is a "Filter" section with a "Experience" dropdown menu showing three options: "> 2 year", "> 3 year", and "> 4 year". To the right of the filters is a list of job listings. Each listing includes a circular "LOGO" placeholder, the "Job Title", "Company Name City", and "Salary/Month".

Figure 4.23: Job Search

### 4.10.4 Jobs

Job Details

The screenshot shows a window titled "Jobs" with standard window controls. The main heading is "Job Title". Below it are two input fields: "City" and "Date". To the right is a square "LOGO" placeholder. Below the input fields is the "Job description" text. At the bottom left is an "Apply" button.

Figure 4.24: Jobs

### 4.10.5 Mailbox

View messages from User/Company and Compose messages to User/Company



Figure 4.25: MailBox

### 4.10.6 View Mailbox

View messages from User/Company and Reply to those messages

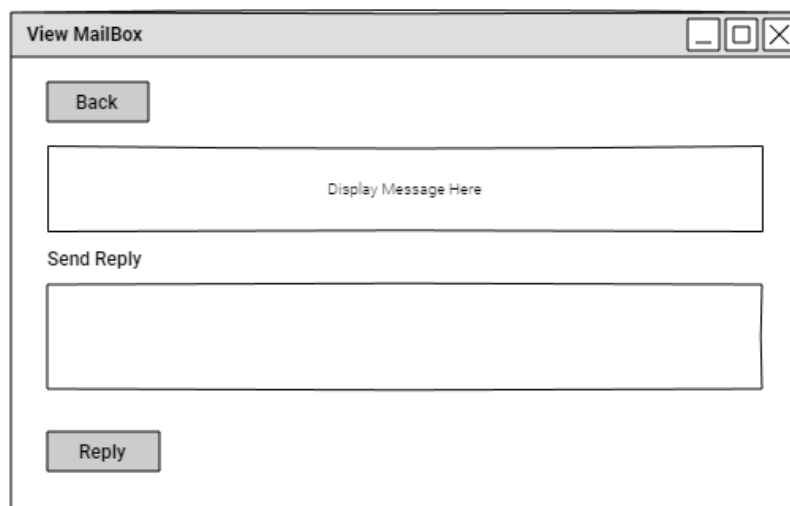


Figure 4.26: View MailBox

### 4.10.7 Compose Message

Compose Messages to User or Company (Shows users Applied for Jobs)

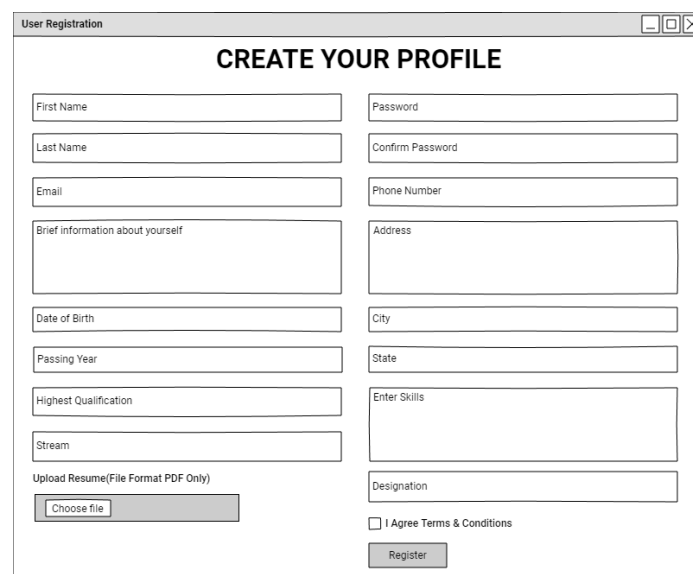


The 'Create Message' dialog box features a title bar with standard window controls. The main area is titled 'Compose New Message' and contains a dropdown menu for 'Select user Name/Company Name', a 'Subject' text field, and a larger 'Compose Message' text area. At the bottom, there are 'Discard' and 'Send' buttons.

Figure 4.27: Compose Message

### 4.10.8 User Registration

Registration form for User



The 'User Registration' form, titled 'CREATE YOUR PROFILE', is a comprehensive registration form. It includes fields for 'First Name', 'Last Name', 'Email', 'Date of Birth', 'Passing Year', 'Highest Qualification', 'Stream', 'Password', 'Confirm Password', 'Phone Number', 'Address', 'City', 'State', 'Enter Skills', and 'Designation'. There is also a section for 'Upload Resume(File Format PDF Only)' with a 'Choose file' button. At the bottom, there is a checkbox for 'I Agree Terms & Conditions' and a 'Register' button.

Figure 4.28: User Registration

### 4.10.9 User Dashboard

Dashboard for Users, Shows available functions for user

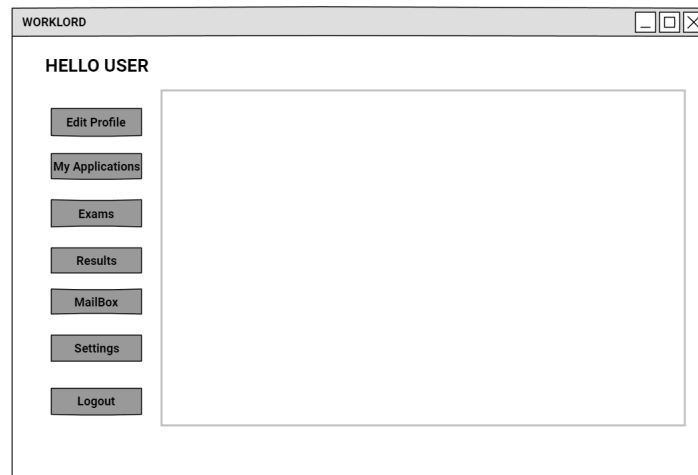
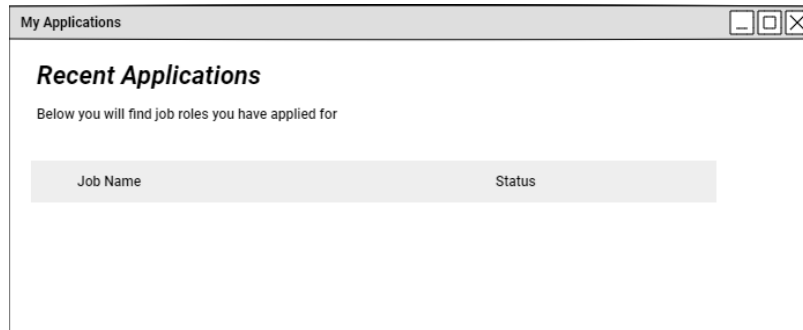


Figure 4.29: User Dashboard

### 4.10.10 My Applications

Applied Job's Details and Status



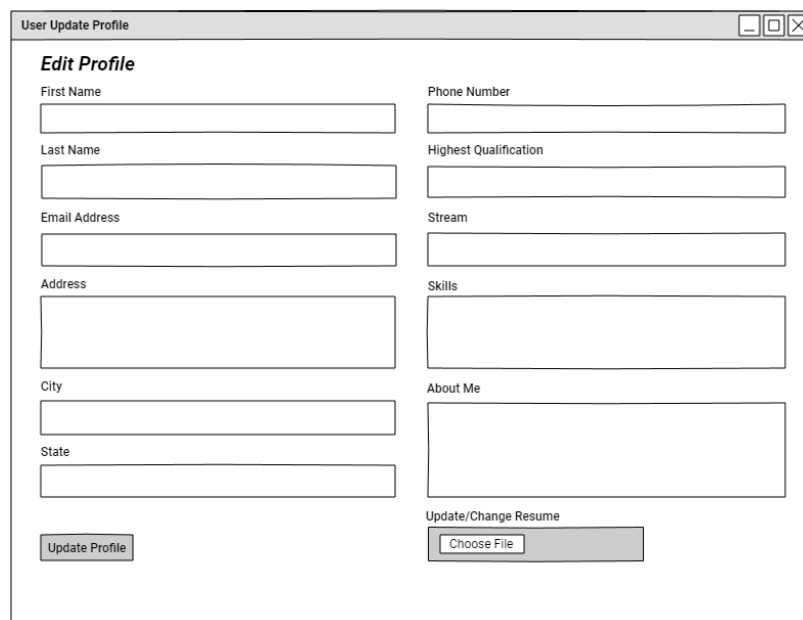
The screenshot shows a window titled "My Applications" with standard window controls. Inside, the heading "Recent Applications" is followed by the text "Below you will find job roles you have applied for". Below this is a table with two columns: "Job Name" and "Status". The table is currently empty.

Job Name	Status
----------	--------

Figure 4.30: My Applications

### 4.10.11 Update Profile

Update User's Details and Resume



The screenshot shows a window titled "User Update Profile" with standard window controls. Inside, the heading "Edit Profile" is followed by a form with two columns of input fields. The left column contains fields for First Name, Last Name, Email Address, Address, City, and State. The right column contains fields for Phone Number, Highest Qualification, Stream, Skills, and About Me. At the bottom left is an "Update Profile" button. At the bottom right is a section titled "Update/Change Resume" with a "Choose File" button.

First Name	Phone Number
<input type="text"/>	<input type="text"/>
Last Name	Highest Qualification
<input type="text"/>	<input type="text"/>
Email Address	Stream
<input type="text"/>	<input type="text"/>
Address	Skills
<input type="text"/>	<input type="text"/>
City	About Me
<input type="text"/>	<input type="text"/>
State	
<input type="text"/>	

Figure 4.31: Update Profile



### 4.10.12 User Exam Overview

Attend Exams and View scores

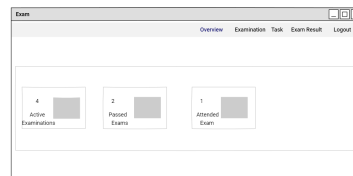


Figure 4.32: User Exam Overview

### 4.10.13 User view Examlist

Attend Exams and View scores

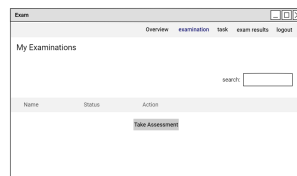
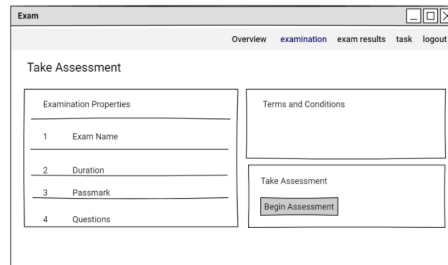


Figure 4.33: User view Examlist

#### 4.10.14 User Take Assessment

Attend Exams and View scores



The screenshot shows a web application window titled "Exam". It has a navigation bar with links: "Overview", "examination" (active), "exam results", "task", and "logout". The main content area is titled "Take Assessment". It is divided into two columns. The left column, titled "Examination Properties", contains a list of four items: "1 Exam Name", "2 Duration", "3 Passmark", and "4 Questions". The right column contains two sections: "Terms and Conditions" and "Take Assessment". The "Take Assessment" section has a "Begin Assessment" button.

Figure 4.34: User Take Assessment

#### 4.10.15 User Attend Exam

Attend Exams and View scores



The screenshot shows a web application window titled "Exam". It has a navigation bar with a "logout" link. The main content area is titled "Examination". It contains a section "1 Question" with four radio button options: "Option 1", "Option 2", "Option 3", and "Option 4". Below the options is a pagination control showing "1" and "2". At the bottom is a "Submit Assessment" button.

Figure 4.35: User Attend Exam

## 4.10.16 User View Tasks

Attend Tasks

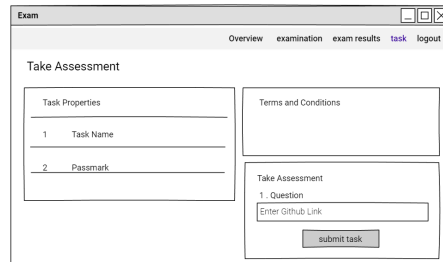
The screenshot shows a web application window titled "Exam". At the top, there is a navigation bar with the following links: "Overview", "examination", "task" (which is highlighted in purple), "exam results", and "logout". Below the navigation bar, the main content area is titled "My Tasks". On the right side of this area, there is a search bar with the label "search:" and an empty input field. Below the search bar, there is a table with three columns: "Name", "Status", and "Action". The "Action" column contains a button labeled "Take Assessment".

Name	Status	Action
		Take Assessment

Figure 4.36: User View Tasks

## 4.10.17 User Submit Task

Attend Tasks



The screenshot shows a web browser window titled "Exam". The navigation bar includes links for "Overview", "examination", "exam results", "task" (which is highlighted), and "logout". The main heading is "Take Assessment". The form is divided into three main sections: "Task Properties" on the left, "Terms and Conditions" on the top right, and "Take Assessment" on the bottom right. The "Task Properties" section contains two numbered input fields: "1 Task Name" and "2 Passmark". The "Take Assessment" section contains a "1 Question" label, a text input field with the placeholder "Enter Github Link", and a "submit task" button.

Task Properties	
1	Task Name
2	Passmark

Terms and Conditions

Take Assessment

1 Question

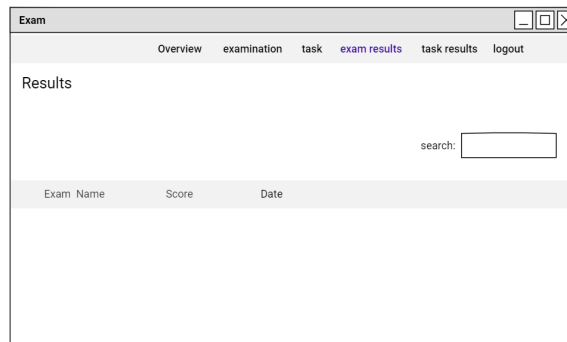
Enter Github Link

submit task

Figure 4.37: User Submit Task

### 4.10.18 User View Exam Results

View Scores for Task and Exams

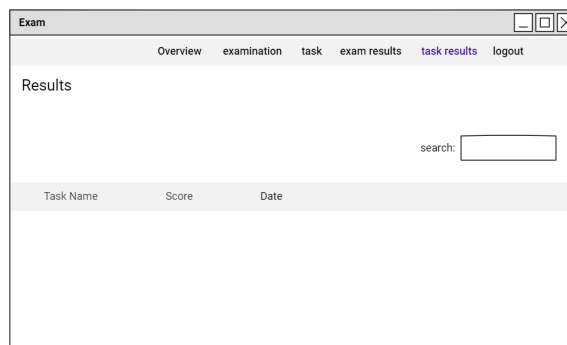


The screenshot shows a web application window titled "Exam". The navigation bar includes links for "Overview", "examination", "task", "exam results" (which is highlighted in purple), "task results", and "logout". The main content area is titled "Results" and contains a search bar labeled "search:" with an adjacent input field. Below the search bar is a table with three columns: "Exam Name", "Score", and "Date". The table is currently empty.

Figure 4.38: User View Exam Results

### 4.10.19 User View Task Results

View Scores for Task and Exams



The screenshot shows the same "Exam" window, but with the "task results" tab highlighted in purple in the navigation bar. The main content area is still titled "Results" and features the same search bar and empty table. However, the table's columns are now "Task Name", "Score", and "Date".

Figure 4.39: User View Task Results

### 4.10.20 Settings

registered user can Change Password and also Delete Account if needed.

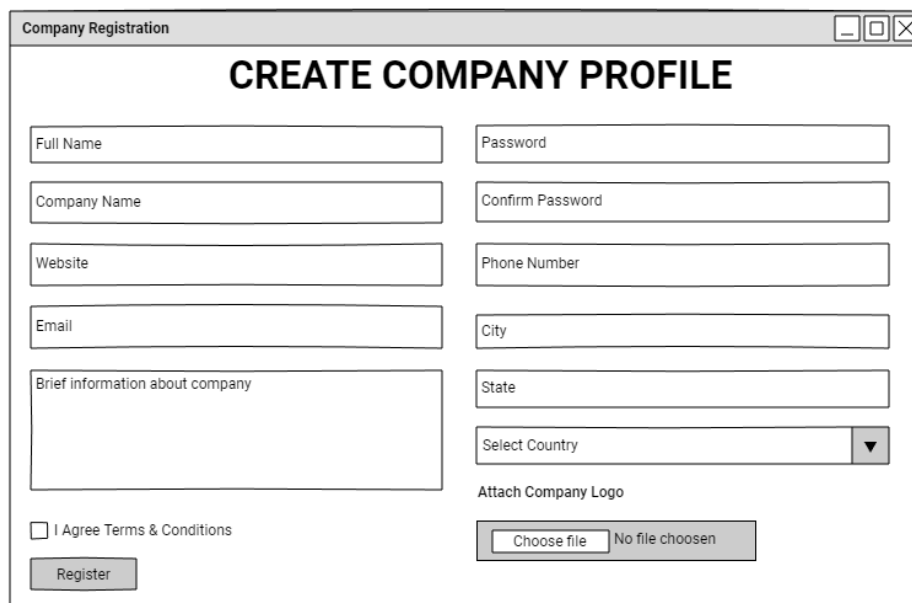


The screenshot shows a window titled "Settings" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, the heading "Change Password" is displayed. Below this heading, there are two text input fields: "Password" and "Confirm Password". To the right of these fields, there is a checkbox labeled "I Want To Delete My Account". Below the "Confirm Password" field, there is a "Change Password" button. To the right of the checkbox, there is a "Delete My Account" button.

Figure 4.40: Settings

### 4.10.21 Company Registration

Registration form for company



The screenshot shows a window titled "Company Registration" with a standard Windows-style title bar. Inside the window, the heading "CREATE COMPANY PROFILE" is displayed. Below this heading, there are several text input fields arranged in two columns. The left column contains: "Full Name", "Company Name", "Website", "Email", and a larger text area labeled "Brief information about company". The right column contains: "Password", "Confirm Password", "Phone Number", "City", "State", and a "Select Country" dropdown menu. At the bottom left, there is a checkbox labeled "I Agree Terms & Conditions" and a "Register" button. At the bottom right, there is a section labeled "Attach Company Logo" with a "Choose file" button and a "No file chosen" button.

Figure 4.41: Company Registration

## 4.10.22 Dashboard

Dashboard for company

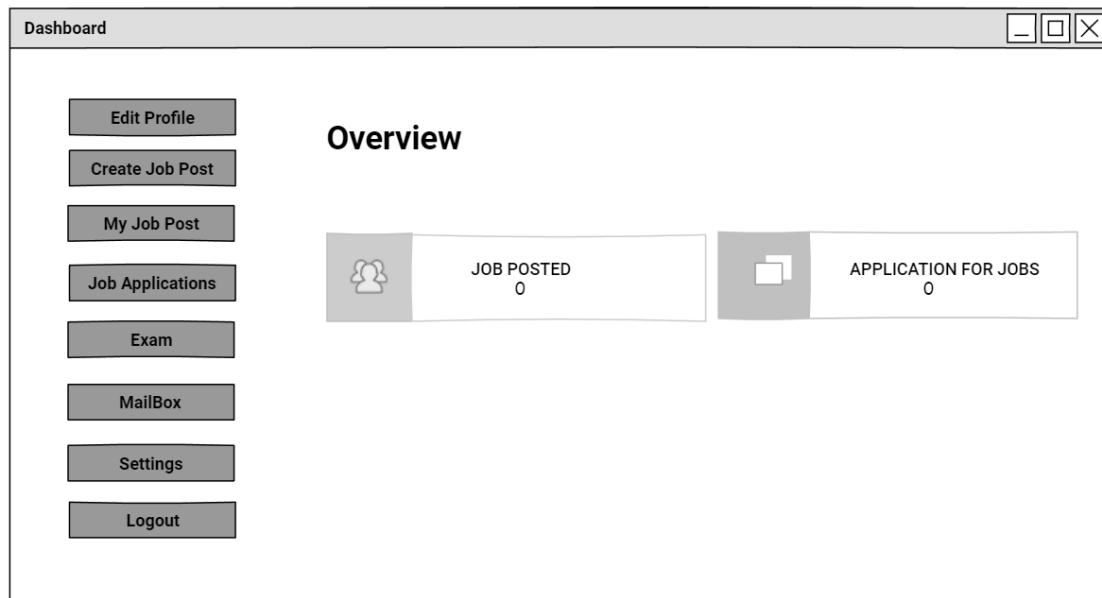


Figure 4.42: Dashboard

### 4.10.23 Edit Profile

Edit Company details

The screenshot shows a window titled "Company Update Profile" with a standard Windows-style title bar (minimize, maximize, close buttons). The main content area is titled "Edit Profile". It contains several input fields arranged in two columns. The left column has fields for "Company Name", "Website", "Email", and a larger "About Me" text area. The right column has fields for "Contact Number", "City", and "State". Below the "About Me" field is an "Update Profile" button. To the right of the "State" field is a "Change Company Logo" section with a "Choose file" button. All input fields are empty text boxes.

Figure 4.43: Edit Profile

### 4.10.24 Create Job Post

Create New Job Posts with Details

The screenshot shows a window titled "Job Post" with a standard Windows-style title bar. The main content area is titled "Create Job Post". It contains a vertical stack of seven input fields: "Job Title", "Description", "Minimum Salary", "Maximum Salary", "Experience(in year)Required", "Qualifications Required", and "Due Date". Below these fields is a "Create" button. All input fields are empty text boxes.

Figure 4.44: Create Job Post



### 4.10.25 Job Posts

View posted Jobs by Company

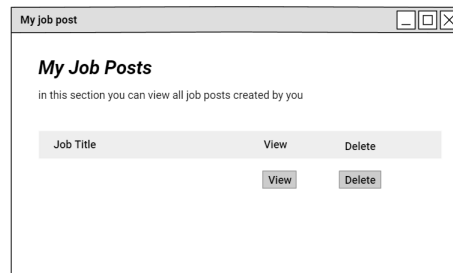


Figure 4.45: Job Posts

### 4.10.26 Job Applications

View Job Post Applications from Users and Review

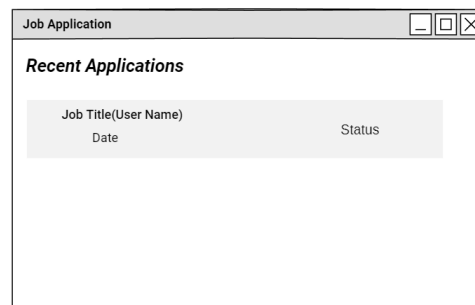


Figure 4.46: Job Applications

### 4.10.27 Download Resumes

Download Resumes of Applied Users for Company's Job Posts

The image shows a software window titled "Job Application". Inside the window, there are two text labels: "Applicant Name" and "User Details". To the right of "Applicant Name" is a button labeled "Back". Below "User Details" is a button labeled "Download Resume". At the bottom of the window, there are two buttons: "Mark Under Review" on the left and "Reject Application" on the right. The window has a standard title bar with minimize, maximize, and close buttons.

Figure 4.47: Download Resume

### 4.10.28 Company View all Exam

Using this form company can view all exams and search any candidate's exam score who attend the task.

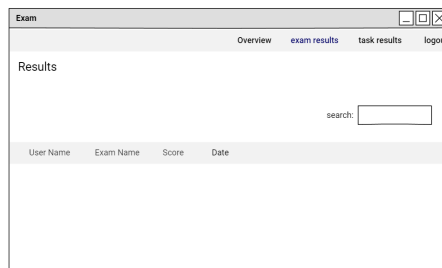
The screenshot shows a web application window titled "Exam". It has a navigation bar with four tabs: "Overview", "exam results" (which is selected and highlighted in blue), "task results", and "logout". Below the navigation bar, the main content area is titled "Exam Results". On the right side of this area, there is a search function labeled "search:" followed by a text input field. Below the search area, there is a table with four columns: "Name", "Duration", "Passmark", and "Action". Under the "Action" column, there is a button labeled "view result".

Name	Duration	Passmark	Action
			<button>view result</button>

Figure 4.48: Company View all Exam

### 4.10.29 Company View Exam Score

Using this form company can view any candidate's exam score who attend the exam.



Exam

Overview **exam results** task results logout

Results

search:

User Name	Exam Name	Score	Date
-----------	-----------	-------	------

Figure 4.49: Company Exam Score

### 4.10.30 Company View All Task

Using this form company can view all tasks and search any candidate's task score who submit the task.

Exam

Overview exam results **task results** logout

Task Results

search:

Task Name	Passmark	Action
		<input type="button" value="select action"/>

Figure 4.50: Company View All Task

### 4.10.31 Company View Task Scores

Using this form company can view any candidate's task score who submit the task.

Exam

Overview exam results **task results** logout

Results

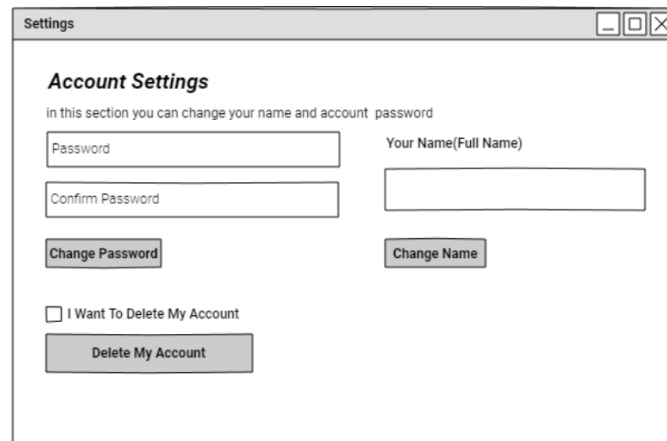
search:

User Name	Task Name	Score	Date
-----------	-----------	-------	------

Figure 4.51: Company View Task Scores

### 4.10.32 Settings

registered company can Change FullName or Password of Company and also Delete Account if needed.



The screenshot shows a window titled "Settings" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, the section is titled "Account Settings" in bold. Below the title, a subtitle reads: "In this section you can change your name and account password". The form is divided into two columns. The left column contains two text input fields: "Password" and "Confirm Password". Below these fields is a button labeled "Change Password". The right column contains a single text input field labeled "Your Name(Full Name)". Below this field is a button labeled "Change Name". At the bottom left of the form, there is a checkbox labeled "I Want To Delete My Account". Below the checkbox is a button labeled "Delete My Account".

Figure 4.52: Settings

### 4.10.33 Admin Homepage

Overview of WorkLord with Registered Companies, User, Job Post, etc..

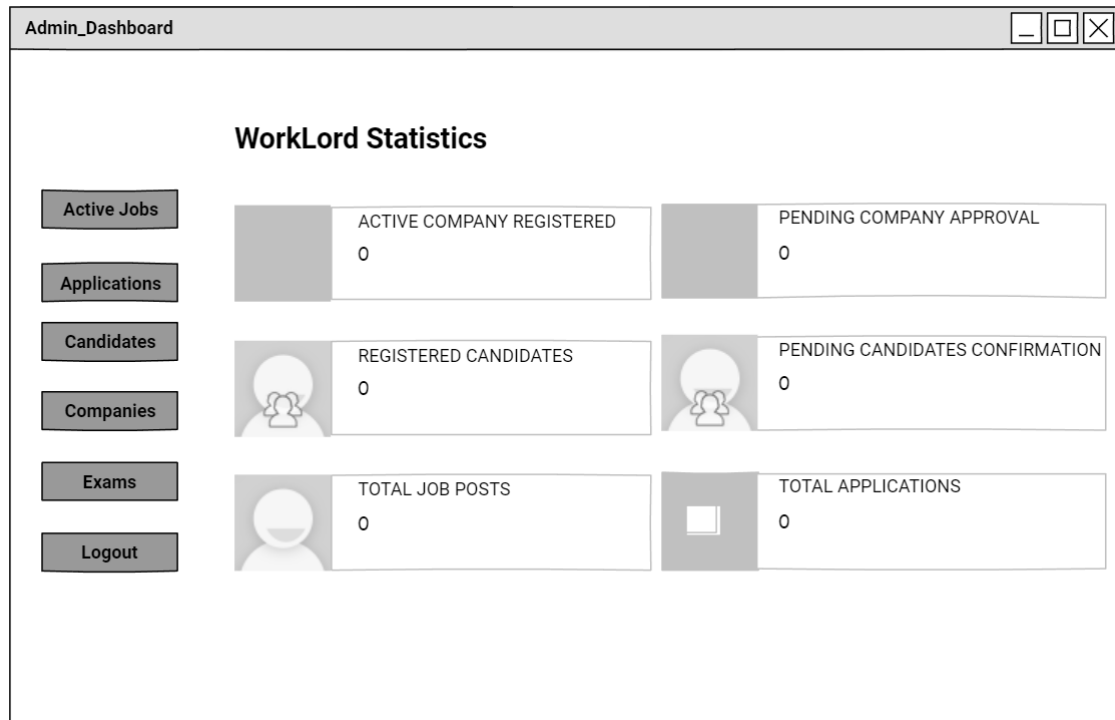


Figure 4.53: Admin Homepage



#### 4.10.34 Active Jobs

Admin can active or reject job vacancies posted by different companies.

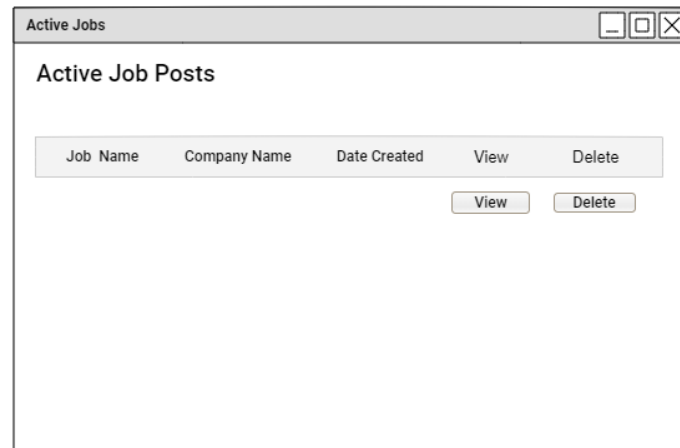


Figure 4.54: Active Jobs

#### 4.10.35 Candidates

Show candidates details that are registered in the website and also can download the resume of each candidates.

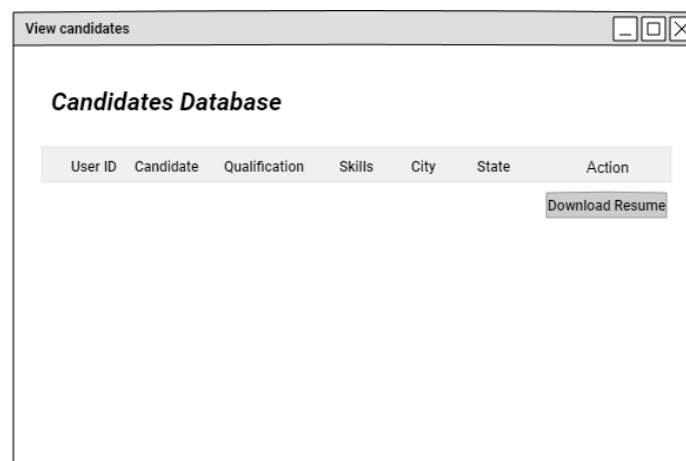


Figure 4.55: Candidates

### 4.10.36 Companies

Show company details that are registered in the website and also can approve or reject the registration of each company.



Figure 4.56: Companies

### 4.10.37 Admin Exam Dashboard

Show details of exams.

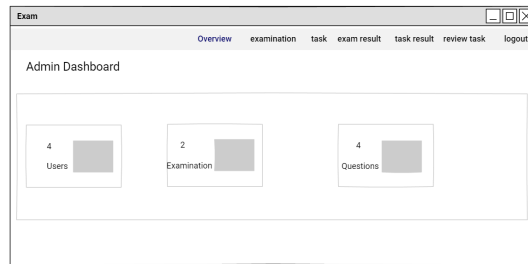
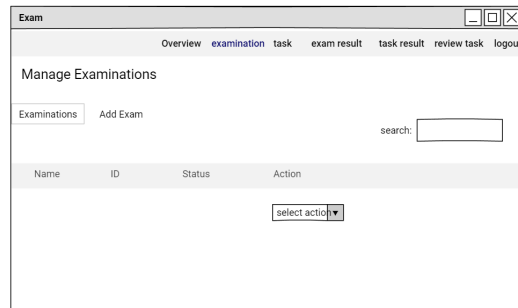


Figure 4.57: Admin Exam Dashboard

### 4.10.38 Admin View Exams

View alla exams created by admin.

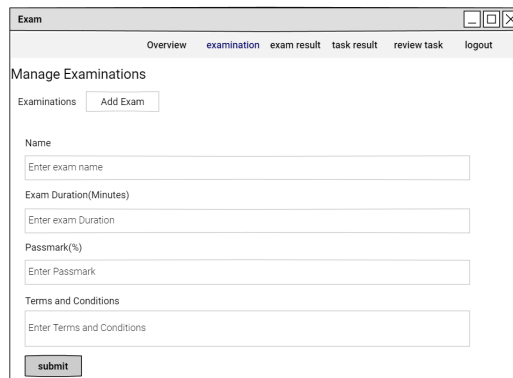


The screenshot shows a web application window titled "Exam". It has a navigation bar with links: Overview, examination (active), task, exam result, task result, review task, and logout. Below the navigation bar is a section titled "Manage Examinations". In this section, there is a tab labeled "Examinations" and a button labeled "Add Exam". To the right of these is a search input field with the placeholder text "search:". Below the search field is a table with the following headers: Name, ID, Status, and Action. Under the Action header, there is a dropdown menu labeled "select action".

Figure 4.58: Admin View Exams

### 4.10.39 Admin Add Exams

Admin can create new exam with exam name,duration, terms and conditions and passmark.



The screenshot shows a web application window titled "Exam". It has a navigation bar with links: Overview, examination (active), exam result, task result, review task, and logout. Below the navigation bar is a section titled "Manage Examinations". In this section, there is a tab labeled "Examinations" and a button labeled "Add Exam". Below the "Add Exam" button are four input fields: "Name" with the placeholder "Enter exam name", "Exam Duration(Minutes)" with the placeholder "Enter exam Duration", "Passmark(%)" with the placeholder "Enter Passmark", and "Terms and Conditions" with the placeholder "Enter Terms and Conditions". At the bottom of the form is a button labeled "submit".

Figure 4.59: Admin Add Exams

## 4.10.40 Add Questions

### Add Questions for Exams

Exam

Overview

examination

task

exam result

task result

review task

logout

Add Question:Exam Name

Multiple Choice

Question

Enter Question

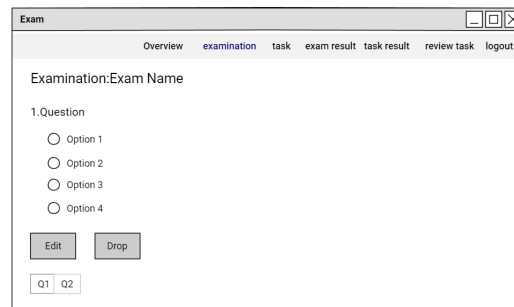
Option No.	Option	Answer
1	Option 1 <input type="text"/>	Option 1 <input type="radio"/>
2	Option 2 <input type="text"/>	Option 2 <input type="radio"/>
3	Option 3 <input type="text"/>	Option 3 <input type="radio"/>
4	Option 4 <input type="text"/>	Option 4 <input type="radio"/>

Submit

Figure 4.60: Add Questions

#### 4.10.41 View Exam Questions

Using this form admin can view questions of each exams and also can update and delete questions.



The screenshot shows a web application window titled "Exam". It has a navigation bar with links: Overview, examination (active), task, exam result, task result, review task, and logout. The main content area displays "Examination: Exam Name" and "1. Question". Below the question, there are four radio button options: Option 1, Option 2, Option 3, and Option 4. At the bottom of the question area, there are two buttons: "Edit" and "Drop". At the very bottom of the window, there are two tabs: "Q1" and "Q2".

Figure 4.61: View Exam Questions

## 4.10.42 View Tasks

View alla task created by admin.

Exam

Overview examination **task** exam result task result review task logout

Manage Tasks

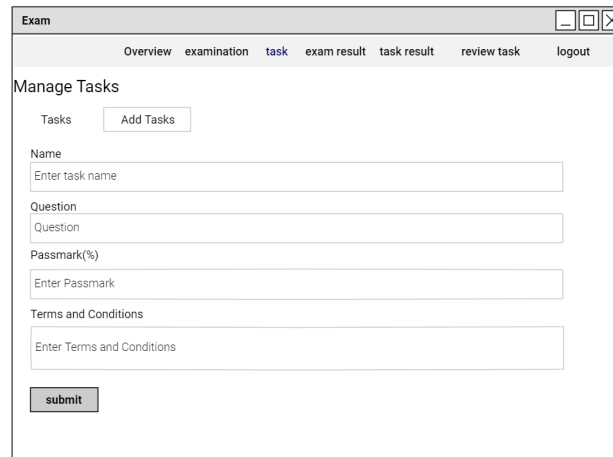
Tasks Add Task search:

Name	ID	Status	Action
			<input type="button" value="select action"/>

Figure 4.62: View Tasks

### 4.10.43 Add Tasks

Admin can create new tasks with task name, question, terms and conditions and passmark.



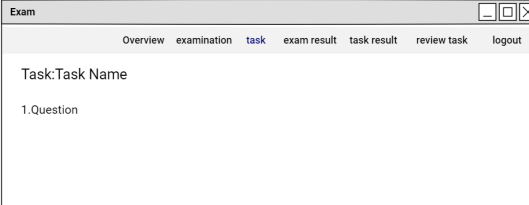
The screenshot shows a web application window titled "Exam". The navigation bar includes links for "Overview", "examination", "task" (which is highlighted), "exam result", "task result", "review task", and "logout". The main content area is titled "Manage Tasks" and contains a "Tasks" section with an "Add Tasks" button. Below this, there are four input fields: "Name" (with placeholder text "Enter task name"), "Question" (with placeholder text "Question"), "Passmark(%)" (with placeholder text "Enter Passmark"), and "Terms and Conditions" (with placeholder text "Enter Terms and Conditions"). A "submit" button is located at the bottom of the form.

Figure 4.63: Add Tasks



#### 4.10.44 View Task Question

Using this form admin can view question of each task.

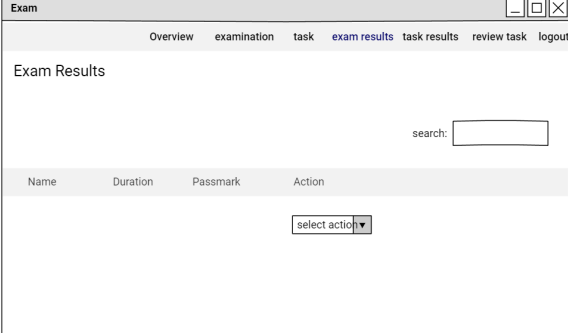


The screenshot shows a web application window titled "Exam". It has a navigation bar with links: Overview, examination, task (highlighted in blue), exam result, task result, review task, and logout. The main content area contains two text input fields. The first field is labeled "Task:Task Name" and the second field is labeled "1.Question".

Figure 4.64: View Task Question

#### 4.10.45 Admin View All Exam Scores

This form list all task created by admin.By selecting action admin can view candidate's task score of each task.



The screenshot shows a web application window titled "Exam". It features a navigation bar with links: Overview, examination, task, exam results (highlighted), task results, review task, and logout. Below the navigation bar, the main heading is "Exam Results". To the right of the heading is a search bar labeled "search:". Below the search bar is a table with four columns: Name, Duration, Passmark, and Action. Under the "Action" column, there is a dropdown menu labeled "select action".

Figure 4.65: Admin View All Exam Scores

#### 4.10.46 Admin View Particular Exam Scores

Admin can view scores of particular task submitted by candidates.

Exam

Overview examination task **exam results** task results review task logout

Results

search:

User Name	Exam Name	Score	Date	Action
				<input type="button" value="select action"/>

Figure 4.66: Admin View Particular Exam Scores

#### 4.10.47 Admin View All Task Scores

This form list all task created by admin.By selecting action admin can view candidate's task score of each task.

The screenshot shows a web application window titled "Exam". The navigation bar includes links for "Overview", "examination", "task", "exam results", "task results" (which is the active page), "review task", and "logout". The main content area is titled "Task Results". It features a search bar with the label "search:". Below the search bar is a table with three columns: "Task Name", "Passmark", and "Action". The "Action" column contains a dropdown menu with the text "select action".

Figure 4.67: Admin View All Task Scores

#### 4.10.48 Admin View Particular Task Scores

Admin can view scores of particular task submitted by candidates.

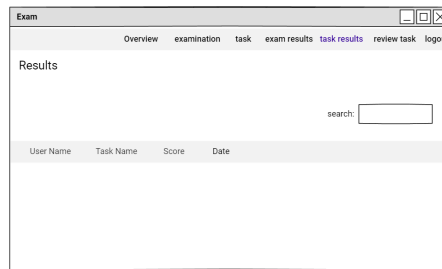


Figure 4.68: Admin View Particular Task Scores

#### 4.10.49 View Tasks For Review

This form list all the tasks one by one created by admin.by selecting action admin can view list of candidates they submit particular task.

The screenshot shows a web application window titled "Exam". The navigation bar includes links for "Overview", "examination", "task", "exam results", "task results", "review task" (highlighted in purple), and "logout". The main content area is titled "Review Task". It features a search bar with the label "search:" and an input field. Below the search bar is a table with the following headers: "Task Name", "Passmark", "Status", and "Action". Under the "Action" header, there is a dropdown menu currently displaying "select action" with a downward arrow.

Figure 4.69: T View Tasks For Review

### 4.10.50 Review Tasks

This form list all candidate they submit a particular task.from which admin can move to reviewing each task.

The screenshot shows a web application window titled "Exam". The navigation bar includes links for "Overview", "examination", "task", "exam results", "task results", "review task" (highlighted in purple), and "logout". The main content area is titled "Review". It features a search bar with the label "search:" and an input field. Below the search bar is a table with the following headers: "User Name", "Task Name", "Score", "Date", and "Action". Under the "Action" header, there is a "Review" button.

User Name	Task Name	Score	Date	Action
				<button>Review</button>

Figure 4.70: Review Tasks

### 4.10.51 Enter Task Score

Admin can evaluate the task submitted by candidates by evaluating the githublink and upload the score for their task using this form. This form also displays task question and its properties.

The screenshot shows a web application window titled "Exam". The navigation bar includes links: Overview, examination, task, exam results, task results, review task (highlighted in purple), and logout. The main content area is titled "Assessment" and is divided into three sections:

- Task Properties:** A table with two rows:

	Task Properties
1	Task Name
2	Passmark
- Question:** A text area containing "1 . Question".
- Task Github Link:** A form with two input fields: "link" and "enter score", followed by a "submit" button.

Figure 4.71: Enter Task Score