

An Implementation Of Digital Systems In Eliminating Unemployment (Instant Jobs)

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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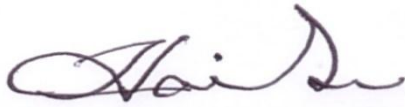
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APPROVAL

This Project titled “An Implementation of Digital Systems in Eliminating Unemployment (Instant Jobs)”, submitted by Pavel Mahmud (ID: 173-15-1682) and Md. All Ruman (ID: 173-15-1701) and Shifat Hossain Khan (ID: 173-15-1707) to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 18.09.2021.

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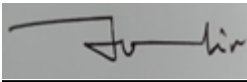
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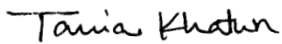
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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Tania Khatun, Senior Lecturer, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

An Implementation of Digital Systems in Eliminating Unemployment (Instant Jobs) is a platform where people can hire employees to facilitate their work. Provides three types of work facilities on the platform, 1st direct office based, 2nd part time, 3rd remotely. Through this application, job seekers will find jobs according to their skills. Users must first register, then log in to achieve their goal. Here we have created a profile of users for convenience. They will update their profile, such as name, address, mobile number, job description, NID number, CV etc. Here you can see the profile of the job seekers for the convenience of getting the job. They will be able to offer different jobs. Here the admin will investigate the information of the users and solve any problem. Anyone can take any decision if they use illegal methods, they have the power to delete everything from the user and they can post different posts and add different features.

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CHAPTER 1

Introduction

1.1 Introduction

Unemployment rate is high in Bangladesh. This unemployment rate is not only in Bangladesh but all over the world. This is a big problem for us. We have created a platform that will reduce the unemployment rate in Bangladesh and the world. Everyone we have now in the digital age is fairly qualified to use mobile computers. We want to take advantage of this digital age. According to our website, any organization or any person can earn its interest. Anyone who has skills in any job can easily eliminate his unemployment. Example XYZ company has fallen into the clutches of their server hackers and needs to be rescued very quickly so a person with cyber security skills is required in a very short time. Now our website will advertise the job according to the location of their company. Now Mr. Nazrul Islam is a cyber security specialist according to that location. He is not getting the job he deserves. He will now visit our website and find a job according to his skills and find a job with XYZ Company and sign a contract with the company. The company will be able to give a rating to that person at the end of the work. Through this communication we will eliminate unemployment.

1.2 Project Motivation

Unemployment is one of the causes of poverty in Bangladesh. Unemployment is increasing day by day. Unemployment is rising day by day which is a threat to us and we are suffering economically. There are many educated or uneducated unemployed in our country. Millions of students complete higher degrees every year in this country. But they can't find work according to their needs or skills. According to our reality, the government will not be able to create so many jobs for us. As a result, our unemployment is increasing day by day. And those who have the skills of uneducated work are also unable to find work. It is increasing the rate of unemployment and poverty every year. We often see suicide reports in various social media TV magazines, because they can't afford the job and can't afford it. That is why we have created a platform through which a person can become self-employed according to his skills and live a self-sufficient life by providing financial support to his family. And this website is very easy to use. Our goal is to eradicate unemployment and poverty through this website or Apps.

1.3 Objective

Our goal is to eliminate unemployment and pay for work according to skills, through which an unemployed person can develop self-employment. Our platform is very easy to use and it is a very timely decision.

1.4 Expected Outcome

- It is a sophisticated platform that is very easy to use.
- If you have skills, you can easily earn money.
- The family can be made self-reliant by self-employment.
- Depression and suicide will be reduced.
- The economic growth of the country will increase.
- Unemployment and poverty rates will decrease

1.5 Benefits of The Project

- Part time and full-time jobs are easily available
- Skilled people are easily found
- The more skill one has, the more income one gets.
- Any kind of work is available
- The family can be made self-sufficient
- Social degradation can be prevented
- It can be done here with very little money

1.6 Methodology

The Instant Job project follows the steps below:

- Reviewing systems.
- Performs work based on information.
- The work is based on information from Seeker and Jobless.

1.7 Layout of the report

Here is a description of how we developed the Instant Jobs project.

1.8 Summary

In this chapter, we have analyzed the purpose and life cycle of the Instant Jobs project.

CHAPTER 2

Background

2.1 Introduction

We understand the modern age to be the age of technology. Mobile and computer are one of the wonderful inventions in this modern age. People no longer have to walk around with a certificate in hand to look for a job. Because, in this digital age, we have created a platform through which you can get the job done by submitting your work skills or CV online.

2.2 Related Works

Many job-sharing websites have been created around the world using this digital age. Through which a worker can easily find a job and a worker can be found very easily. Our platform is a little different from these websites. Through which people can save hard work, time, money. We have a platform for a combination of various job-sharing apps and ride sharing Uber apps. We will later create a map like Ride Sharing Uber through which a user can easily get his desired results. This is our most unique platform.

Sheba.xyz

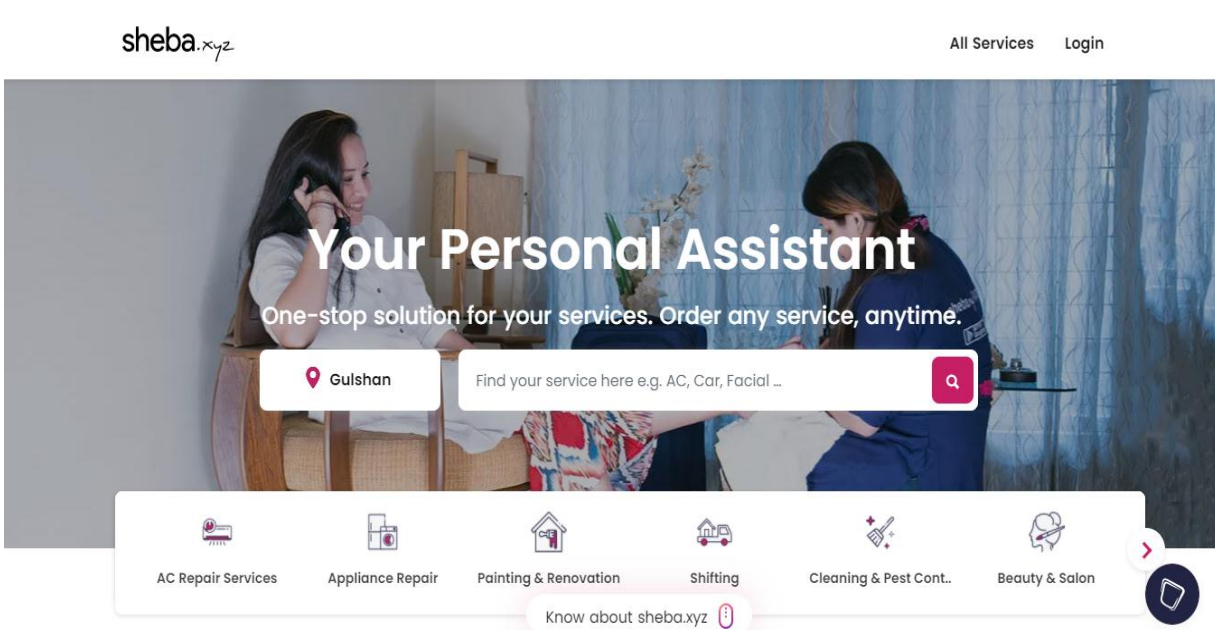


Figure 2.2.1 Related site

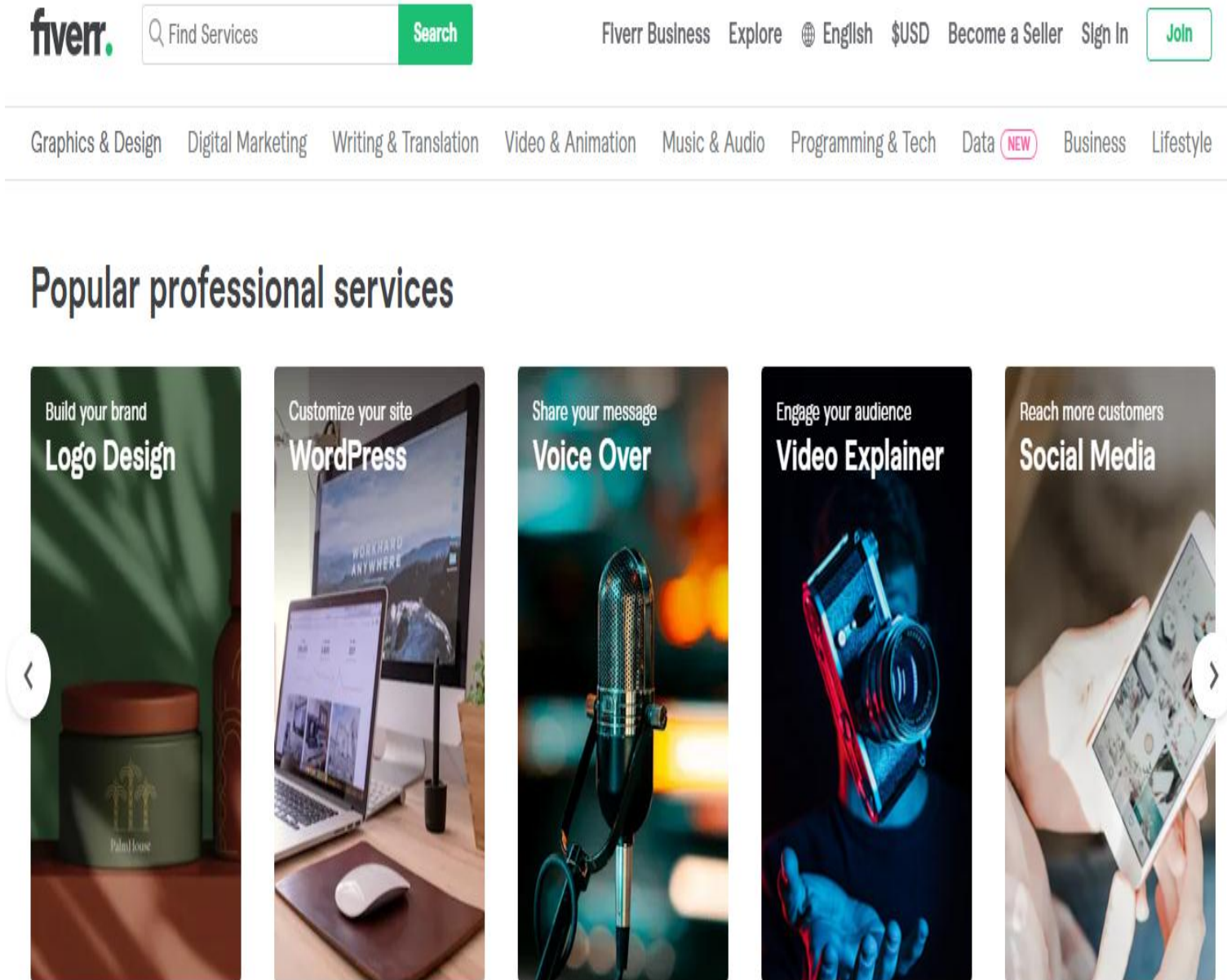


Figure 2.2.2 Related site

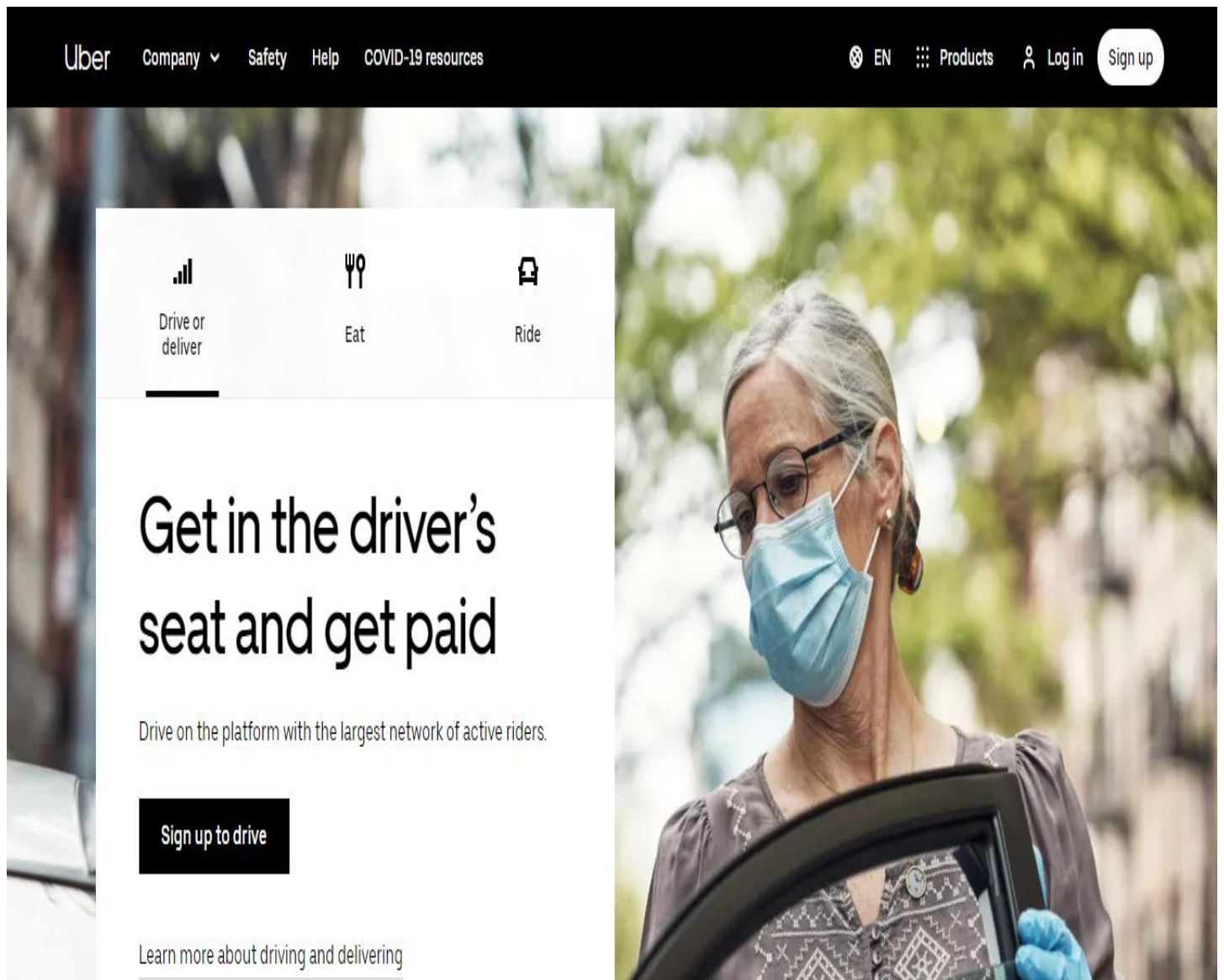


Figure 2.2.3 Related site

2.3 Comparative Studies

Instant Job is a platform that we offer the only direct physical job and online job or remote job. Through this a worker can get his full-time job and part time job. The people of Bangladesh face many problems to get wages.

For example, PayPal, MasterCard, Visa, Worldpay, Payza etc. Are some of the different payment systems. Most of these Bangladesh accounts are illegal. Therefore, we have come up with the idea that in future we will introduce various Bangladeshi and international banks and mobile banking and online payment systems.

2.4 Challenges

- Instant Jobs, this website needs to be made easily accessible in the user interface.
- Due to the weak internet in Bangladesh, there will be no impact in this case. Because, you can contact here on mobile number.
- We will later verify the information through National ID Card, Driving License, Passport, Birth Registration, etc. for the safety of the users.

2.5 Introduction of Development platform

This project we use database mongo DB. This website-based front-end React backend node.js and some other JavaScript, HTML, CSS.

2.6 Database Platform

We have connected our data to the cloud server for the security of our customers. We use cloud servers to protect the data on our websites, which are sophisticated and secure.

2.7 Introduction of Database

Now we are modern technology used. Now we don't have to get any speed to exchange information. Now we can easily transfer data from one computer to another through a database server, So we can use this data from anywhere in the world. Many companies around the world now provide cloud based servers, including Microsoft, Amazon, etc.

2.8 Scope

Our project is a platform from which both work and work can be done. Our project has transformed the three platforms together into one platform, which will eliminate unemployment in the country and create many jobs.

2.9 Study of feasibility

The structure of our platform is cloud server MongoDB, HTML, CSS, React, Nodejs made by JavaScript. We need to use the application can be easily used by opening any browser with mobile or computer of any operating system. Everything we need to use our platform is easily available in the market, within our reach. Our website is an exception compared to others. Our website has been designed with the present and the future in mind, so that we can make changes, additions, subtractions in the future, and its information, technical technology, marketing, everything is researched, even the latest technology hardware.

CHAPTER 3

Requirement & Specification

3.1 Introduction

We have discussed everything you need to develop & used our website here. Highlights the requirements for using our website.

3.2 Hardware Requirements:

We need for our minimum hardware requirement:

- Processor Speed: 2.2GHZ
- RAM: 1 GB RAM or above
- Hard Disk: 10 GB hard disk
- Processor: core i3 or above

3.3 Software Requirements

We need for our system:

- Internet Browser
- Computer Or Mobile
- HTML
- CSS
- JAVA SCRIPT
- NODEJS
- REACT
- MONGODB
- Visual Studio Text Editor

3.4 UML Diagram

We will discuss UML diagram in this section. It will discuss how one relates to the other. Which will give us an idea of the whole project.

3.5 Use Case Diagram

This is Use case diagram of our project website Application.

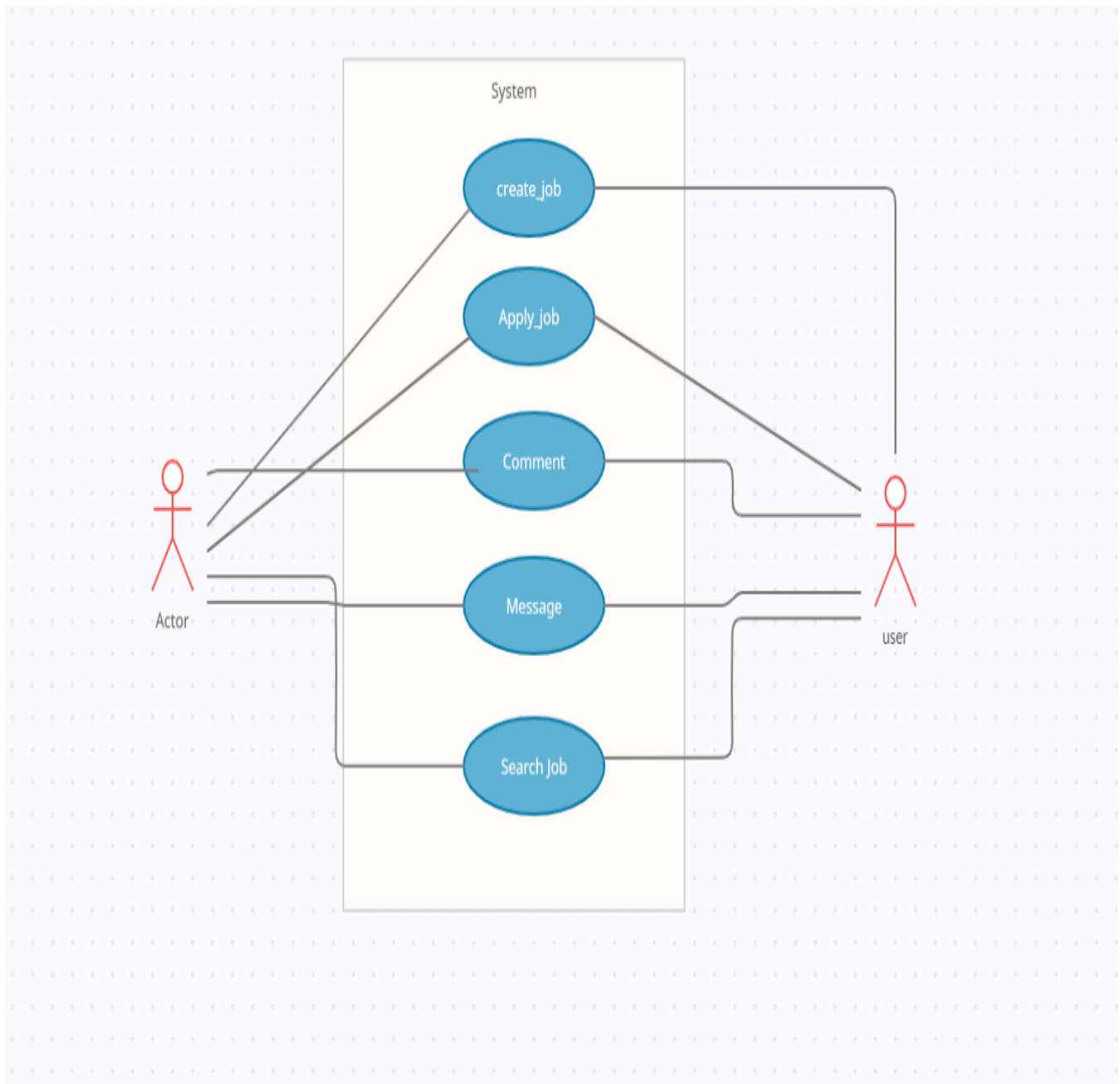


Figure 3.5 Use Case Diagram

3.6 Description of Use Case Model

Actors: The Actors of the use case are website Maintenance Administered (Admin)

Use cases: We have discussed how to manage this website and how to increase efficiency through use case.

3.7 Job shares and seeker system

3.7.1 Register & Login:

Both the giver and the taker will have to register first and login to go to the next step. He will have to make a post with the job description of the person who will give the job. And the person who will take the job has to apply for the desired job.

3.7.2 Job finding and sharing

First, they will login to access the system. The person who will give the job will have to post the job description and he will be able to change it later. And the job seeker will find his job in that category according to his job category and have to apply there.

3.7.3 Update profile:

They will keep their personal information such as Name, mobile number, address, biodata, portfolio updated.

3.8 Admin System

3.8.1 Managing Database:

The database admin will always manage and check on our system.

3.8.2 Managing Users:

The admin will always check the user's information and ban him if he finds any security issues.

3.8.3 Add Category:

The admin will create in different categories if necessary, and delete different categories if necessary and he will always verify the information of the users. Any distortion of any information will be banned directly.

3.9 Er-diagram of the system

An er-diagram has been created for our system.

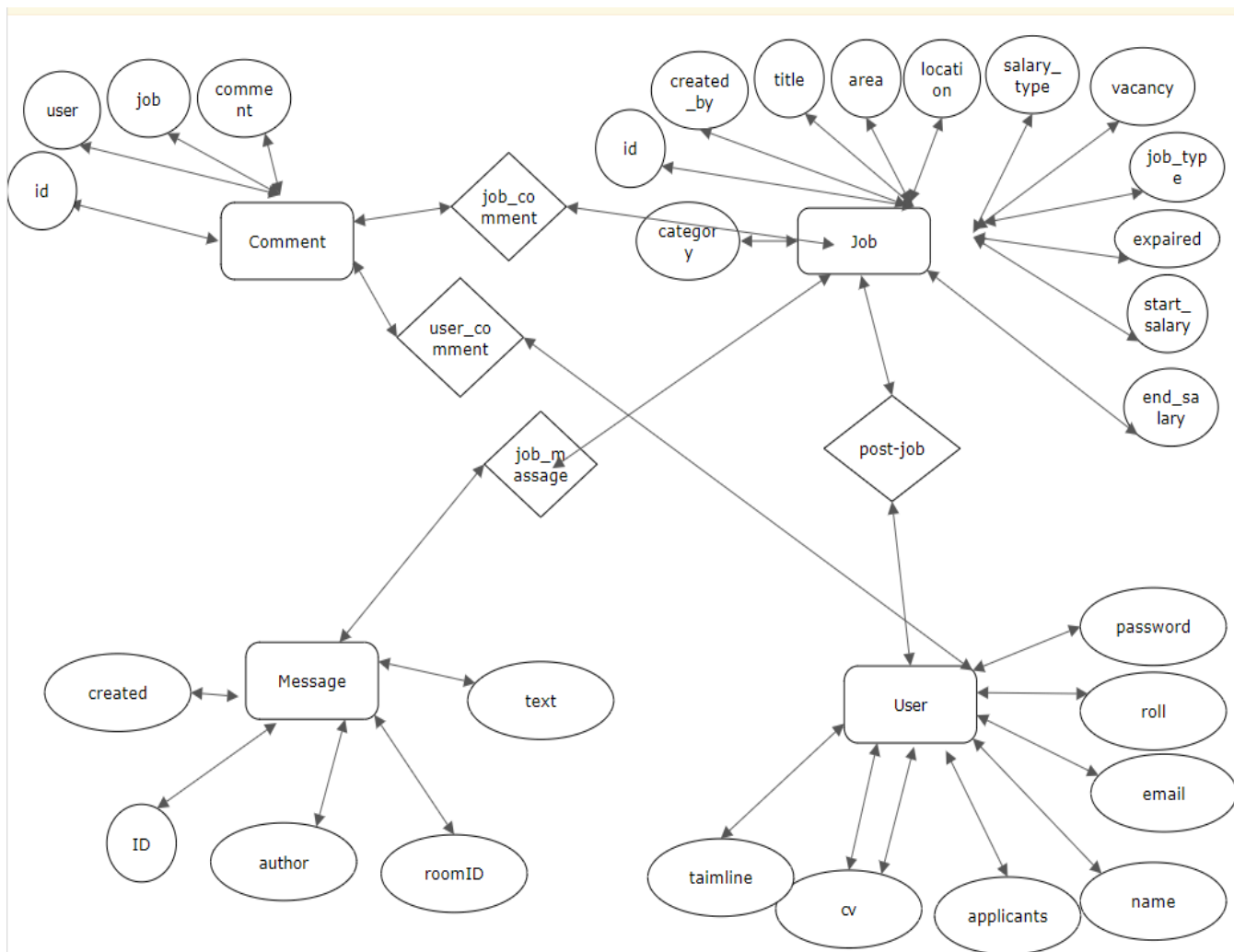


Figure 3.9: Er-diagram

3.10 Design requirement

HTML (HyperText Markup Language) is a universal language. Through which a website is created. The shape of a website is HTML. It just outlines the structure of the website. In this modern age people do not accept anything difficult or distasteful, they want beauty inside everything. CSS works on this beauty. The role of CSS is immense in enhancing the aesthetics and artistry of the website through CSS. This makes the website more attractive.

3.11 Summary

Our project is based on data-based graphs and outlines and the test has been successful. We have built the website beautifully through this outline.

CHAPTER 4

Design Specification

4.1 Front-end Design:

The topic of this section is what we have worked on the visible parts of the website. First of all the structure of our website is made up of HTML. Later, CSS, React, JavaScript was used to make our users beautiful, dynamic and lively.

4.2 Back-end Design:

Back-end design is mainly applicable for admins. Here all user profile information, login, user ID, registration, everything is sorted and saved in admin panel.

4.3 Front page

The following figure 4.3.1 shows the front page of our platform

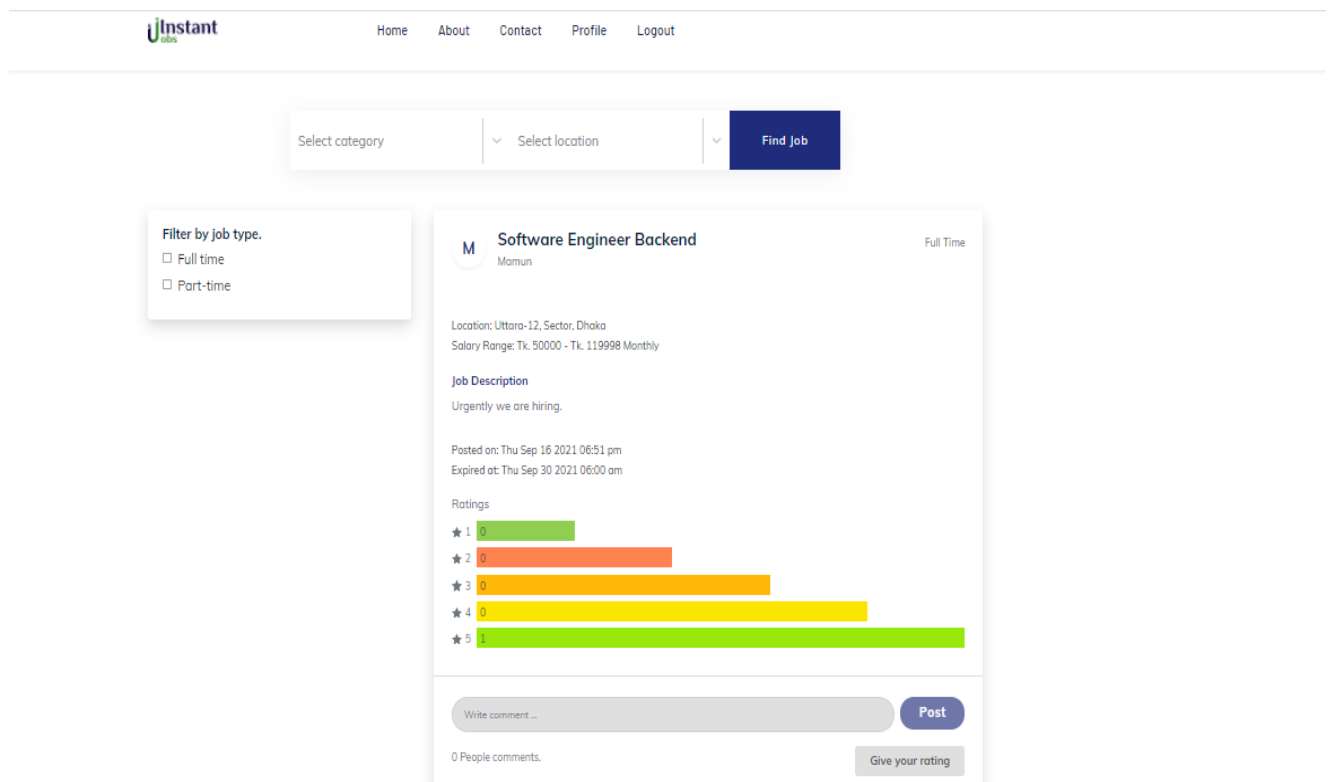
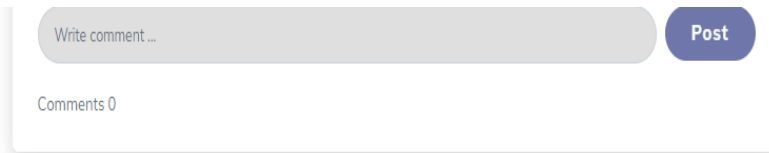


Figure 4.3.1 Front Page of the Website

The following figure 4.3.2 shows the front-page footer section of our platform



Write comment ...

Post

Comments 0

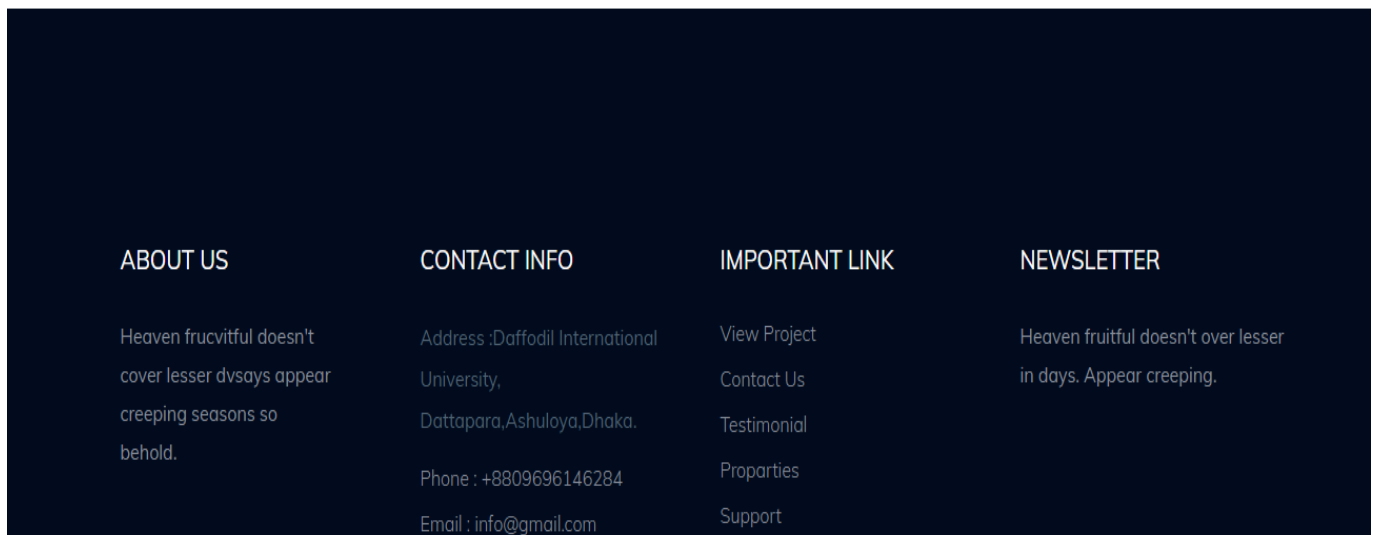


Figure 4.3.2 Font Page Footer Section

4.4 User & Admin Modal Login Form

The following figure 4.4 shows user & admin login form page.

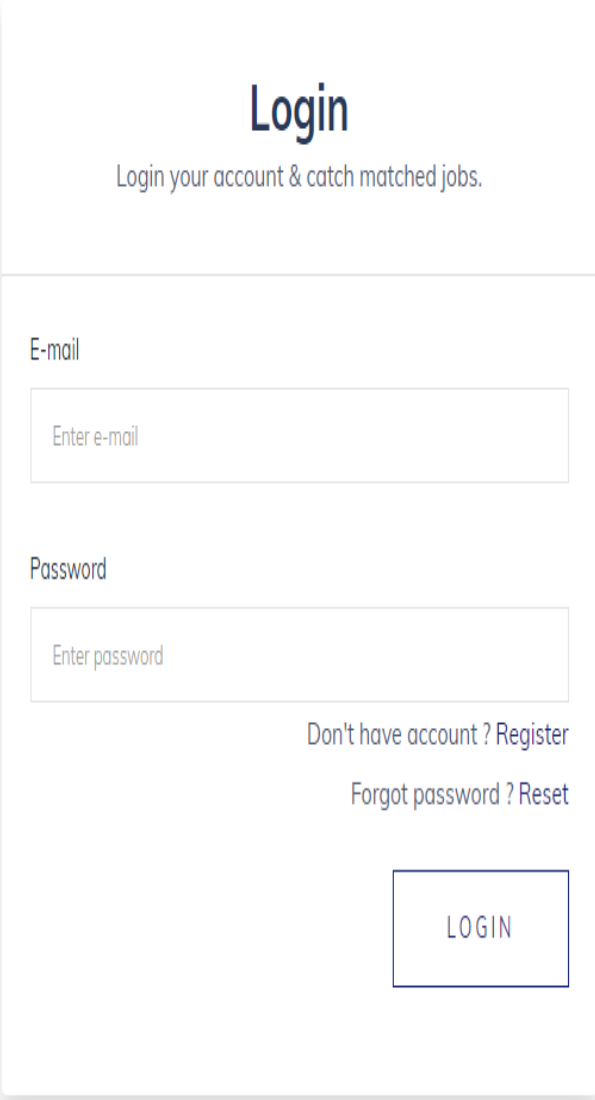
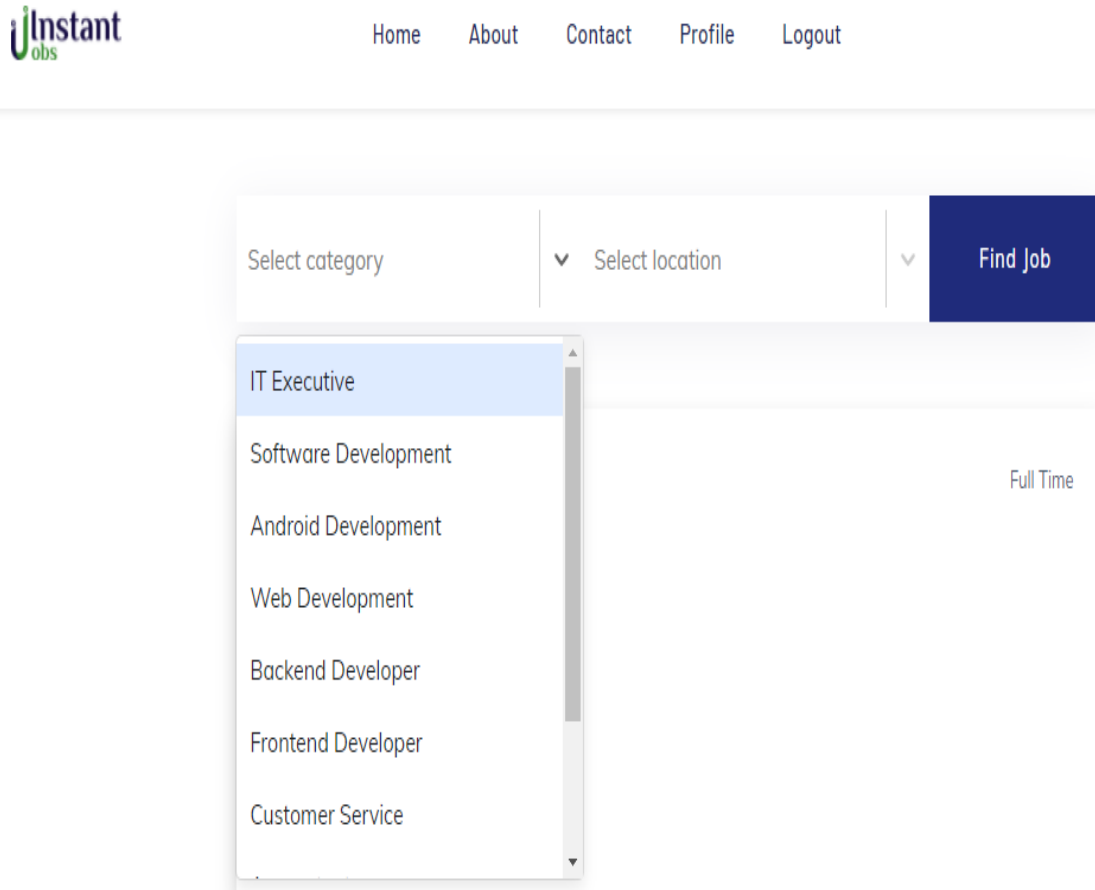
The image shows a login form with a white background and a subtle shadow. At the top, the word "Login" is displayed in a large, bold, dark blue font. Below it, the text "Login your account & catch matched jobs." is written in a smaller, grey font. The form contains two input fields: one for "E-mail" and one for "Password". Each field has a light grey border and a placeholder text "Enter e-mail" and "Enter password" respectively. To the right of the password field, there are two links: "Don't have account ? Register" and "Forgot password ? Reset", both in a dark blue font. At the bottom right of the form, there is a blue rectangular button with the text "LOGIN" in white, uppercase letters.

Figure 4.4.1 Login Page

4.5 Job Filtering

The following figure 4.5 shows job filtering



The screenshot displays the top navigation bar of the Instantobs website. The navigation bar includes the Instantobs logo on the left and links for Home, About, Contact, Profile, and Logout on the right. Below the navigation bar, there is a job filtering section. This section contains three input fields: 'Select category', 'Select location', and a 'Find Job' button. The 'Select category' dropdown menu is open, showing a list of job categories: IT Executive, Software Development, Android Development, Web Development, Backend Developer, Frontend Developer, and Customer Service. The 'IT Executive' category is currently selected and highlighted in blue. To the right of the dropdown menu, the text 'Full Time' is visible.

Figure 4.5.1 Job Filtering

4.6 Job Location Filtering

The following figure 4.6 shows job location filtering

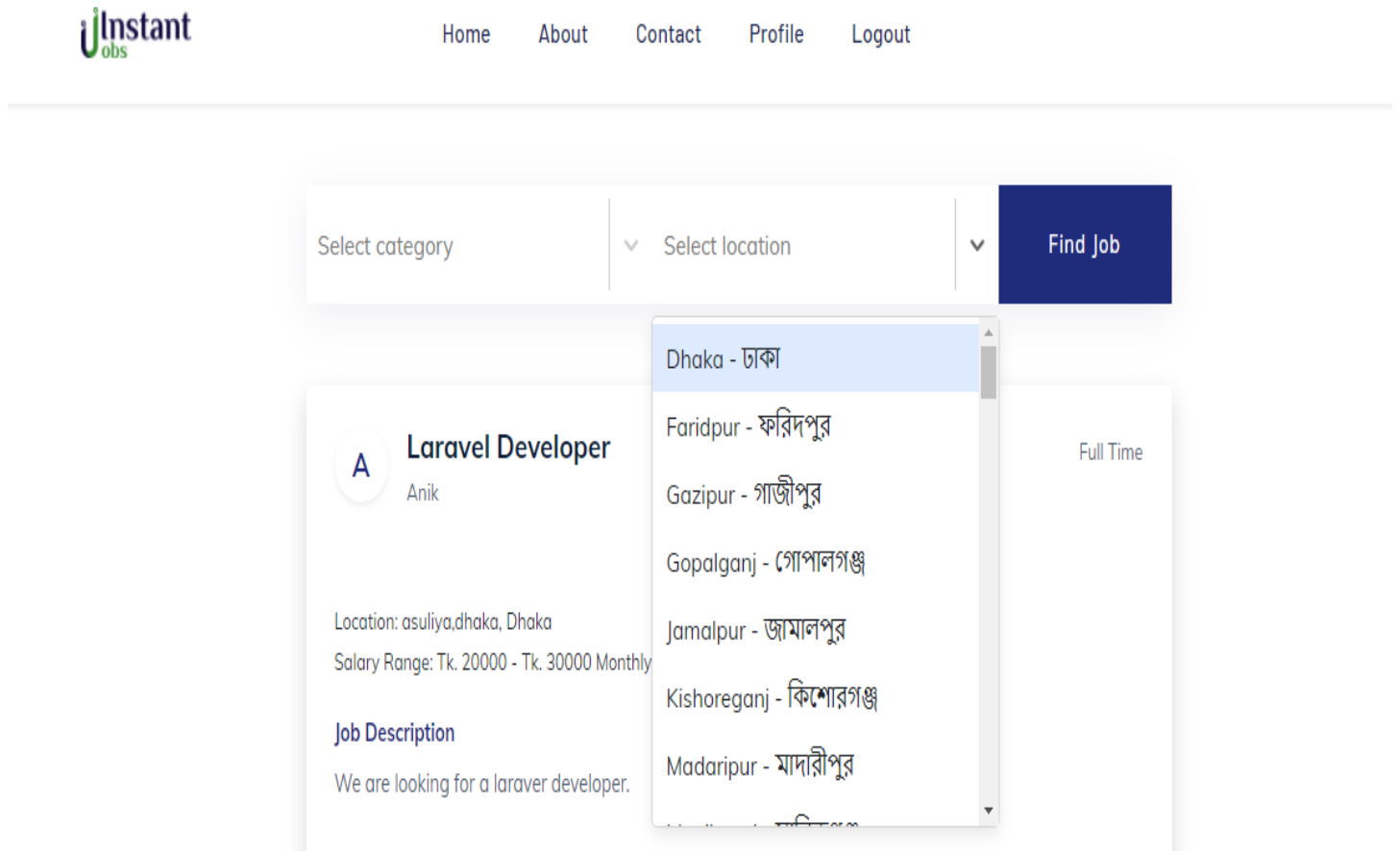
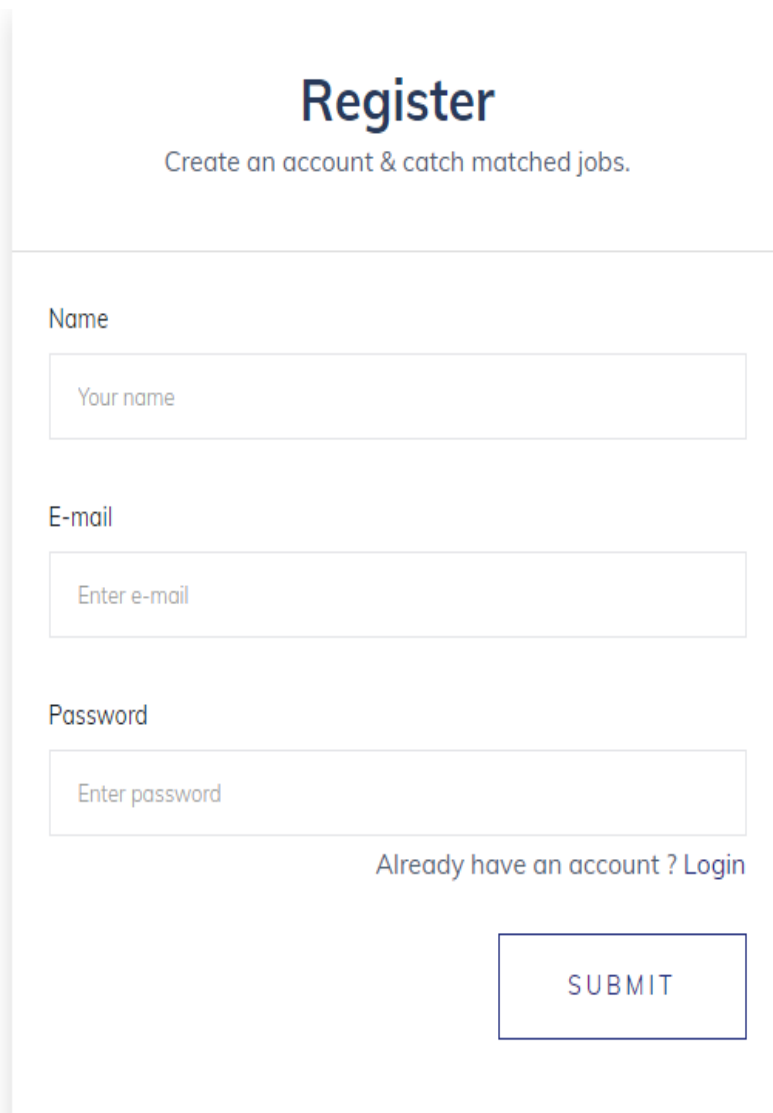


Figure 4.6.1 Job Location Filtering

4.7 Job seeker & Job sharer Registration form

The following figure 4.7 account registration form



The image shows a web form titled "Register" with the subtitle "Create an account & catch matched jobs." The form contains three input fields: "Name" with placeholder text "Your name", "E-mail" with placeholder text "Enter e-mail", and "Password" with placeholder text "Enter password". Below the password field is a link that says "Already have an account ? Login". At the bottom right of the form is a "SUBMIT" button.

Register
Create an account & catch matched jobs.

Name

E-mail

Password

[Already have an account ? Login](#)

SUBMIT

Figure 4.7.1 Account Registration Form

4.8 User Profile Update Page

The following figure 4.8 user dashboard

The screenshot shows a user dashboard for 'Abdul Rahim'. The top navigation bar includes links for Home, About, Contact, Profile, and Logout. The sidebar on the left contains a profile icon, the user's name 'Abdul Rahim', email 'gavarot658@eyeremind.com', and a list of navigation options: Profile (selected), My CV, Applicants, Your Applications, Opened Jobs, Open New Job, Change Password, and Logout. The main content area displays 'Welcome Abdul Rahim' and two statistics: 'Opened Jobs' (0.00) and 'You Applied' (2.00). Below these are input fields for Name (Abdul Rahim), Phone (01000000000), E-mail (gavarot658@eyeremind.com), Present Address, Permanent Address, Website address, and a large text area for Description. A 'SUBMIT' button is located at the bottom right of the main content area.

User Profile Update Page	
Welcome Abdul Rahim	
Opened Jobs 0.00	You Applied 2.00
Name Abdul Rahim	Phone 01000000000
E-mail gavarot658@eyeremind.com	
Present Address Enter present address	
Permanent Address Enter permanent address	
Website address Enter website address	
Description Enter description	
SUBMIT	

Figure 4.8.1 User Dashboard

4.9 User Job Sharing Form

The following figure 4.9 user job post form

The screenshot displays the 'Open New Job' form within the Instant Jobs application. The interface includes a top navigation bar with links for Home, About, Contact, Profile, and Logout. On the left, a user profile sidebar for Abdul Rahim (gavarot658@eyeremind.com) lists menu items: Profile, My CV, Applicants, Your Applications, Opened Jobs, and a highlighted 'Open New Job' button. The main form area, titled 'Open New Job', contains several input fields: 'Job Title' (text input), 'Job Area' (select dropdown), 'Job Location' (text input), 'Job Category' (select dropdown), 'Salary start from' (text input), and 'Salary end to' (text input). The 'Salary end to' field is currently disabled.

Instant Jobs

Home About Contact Profile Logout


Abdul Rahim
gavarot658@eyeremind.com

 Profile

 My CV

 Applicants

 Your Applications

 Opened Jobs

 Open New Job

Open New Job

Job Title

Job Area

Job Location

Job Category

Salary start from

Salary end to

Figure 4.9.1 User Job Post Form

The following figure 4.9.2 user job post form footer section

[Logout](#)

Salary type

Yearly

Job type

Full time

Vacancy

Enter vacancy

Expired At

mm/dd/yyyy

Job Description

</> B I A T

Start writing...

Chars: 0 Words: 0

CREATE

Figure 4.9.2 User Job Post Form Footer Section

4.10 User Saved Jobs

The following figure 4.10 user job saved

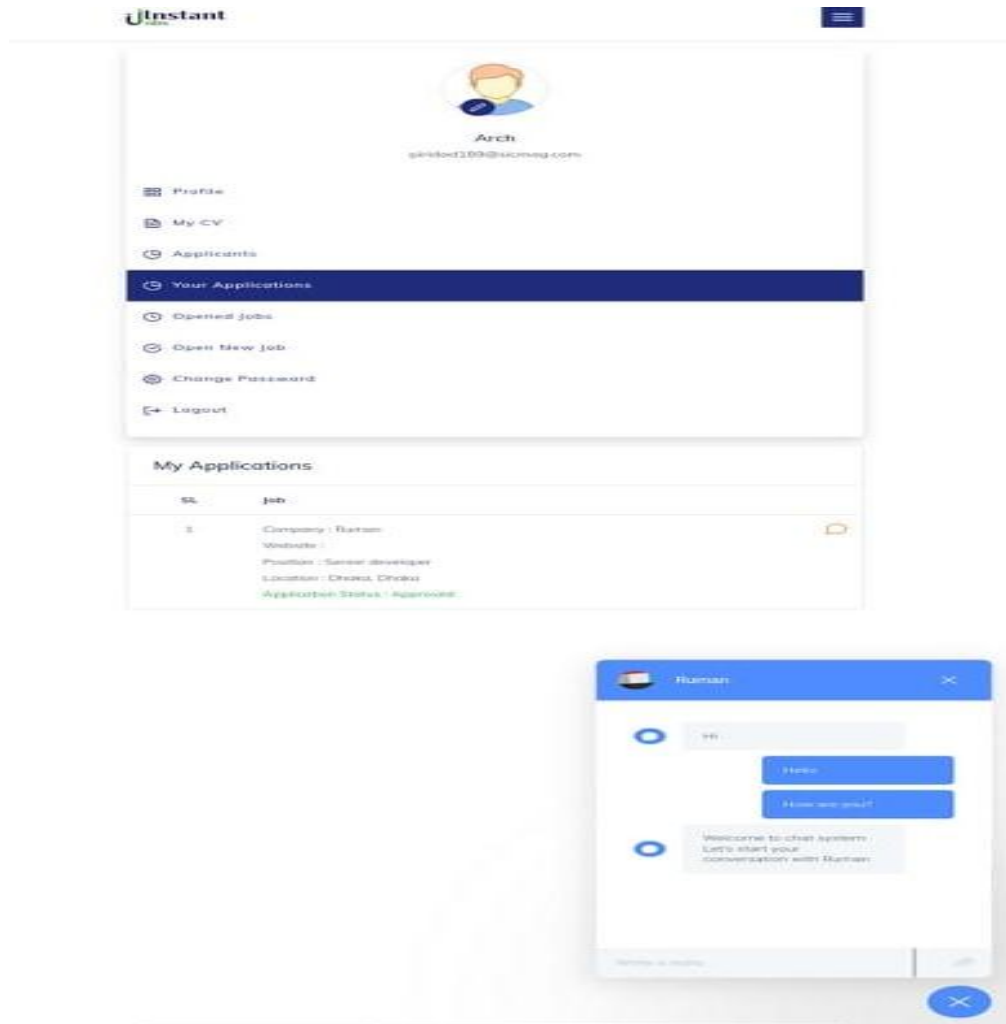


Figure 4.10.1 User Job Saved

4.11 User Posted Job List

The following figure 4.11 user job list

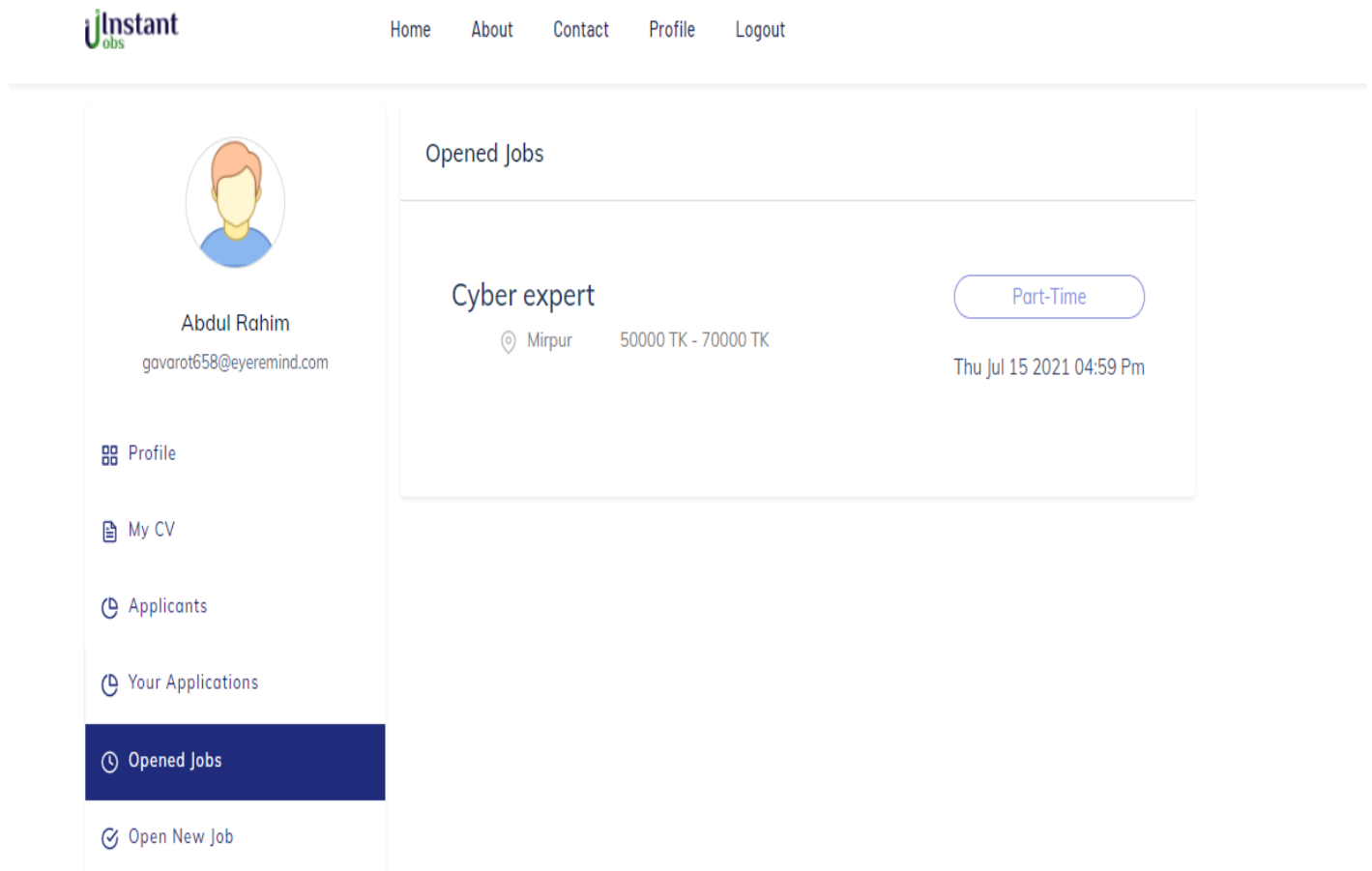


Figure 4.11.1 User Job List

4.12 Job's Applicant List

The following figure 4.12 user job applicant list

[Home](#)[About](#)[Contact](#)[Profile](#)[Logout](#)



Abdul Rahim
gavarot658@eyeremind.com

 Profile

 My CV

 Applicants

 Your Applications

 Opened Jobs

 Open New Job

Applicant List

SL	Job	Action
1	Cyber expert Applicants: 2	

Figure 4.12.1 User Job Applicant List

The following figure 4.12.2 user job applicant list

[Home](#)[About](#)[Contact](#)[Profile](#)[Logout](#)



Abdul Rahim
gavarot658@eyeremind.com

- Profile
- My CV
- Applicants
- Your Applications
- Opened Jobs
- Open New Job

2 Applicants in Cyber expert Job

1. Anik

E-mail: anikcse97@gmail.com
Website: www.instantjob.com

Description :
sxfgsdfg sdfsd

2. Abdul Karim

E-mail: zxcwemgvq@northsixty.com
Website:

Description :

Figure 4.12.2 User Job Applicant List Footer Section

4.13 Job's Applicant CV

The following figure 4.13 job applicant cv

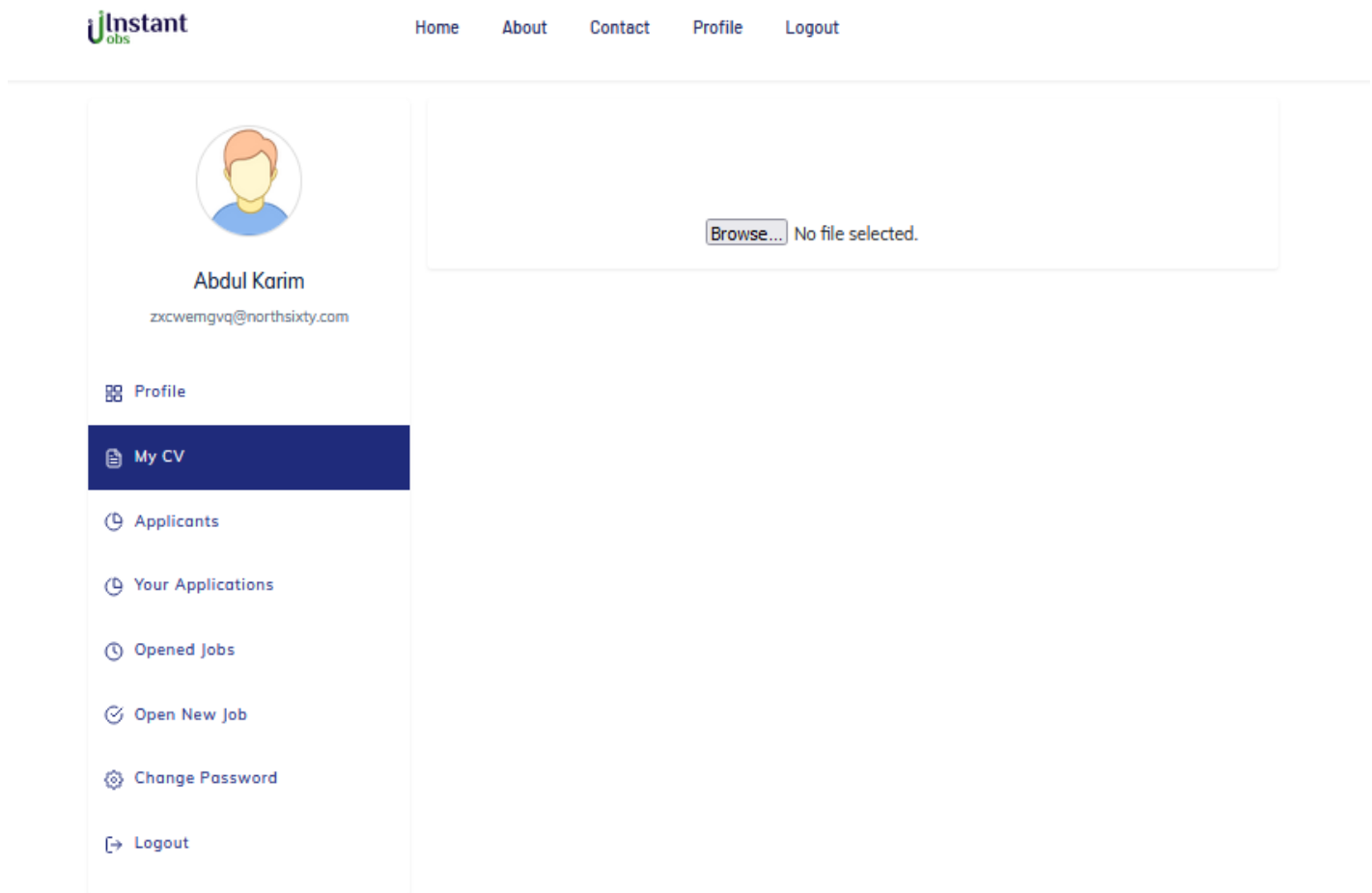


Figure 4.13.1 User Job Applicant CV

4.14 Admin Contact

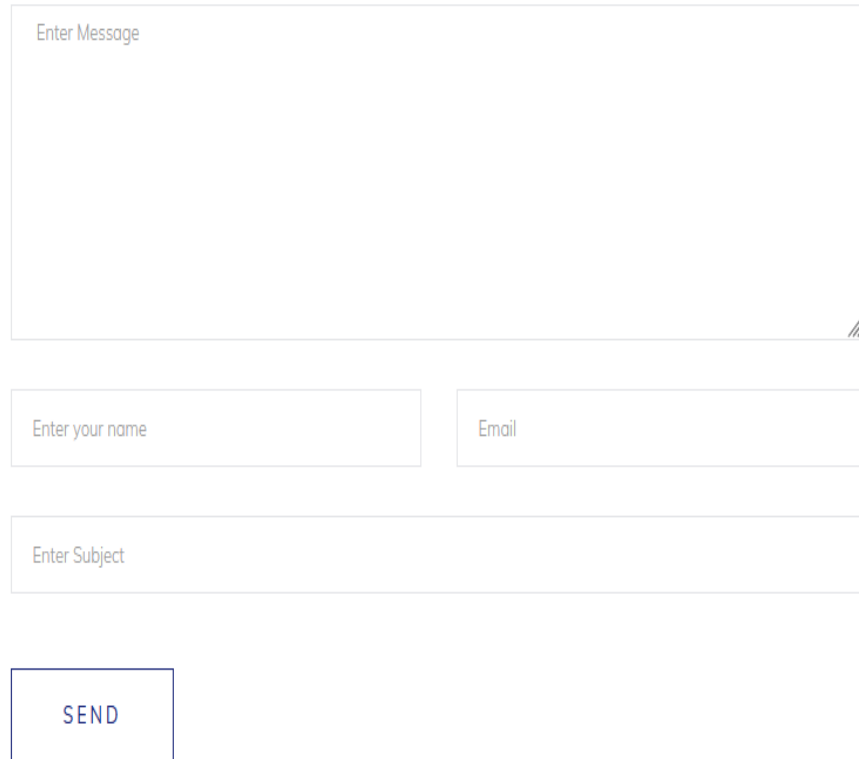
The following figure 4.14 admin contact



Figure 4.14.1 Admin Contact

The following figure 4.14.2 admin contact footer section

Get in Touch



A contact form titled "Get in Touch" with the following fields and a submit button:

- A large text area for the message, labeled "Enter Message".
- Two input fields for "Enter your name" and "Email".
- A single input field for "Enter Subject".
- A "SEND" button.

Figure 4.14.2 Admin Contact Footer Section

4.15 Job's Applicant Apply

The following figure 4.15 job apply

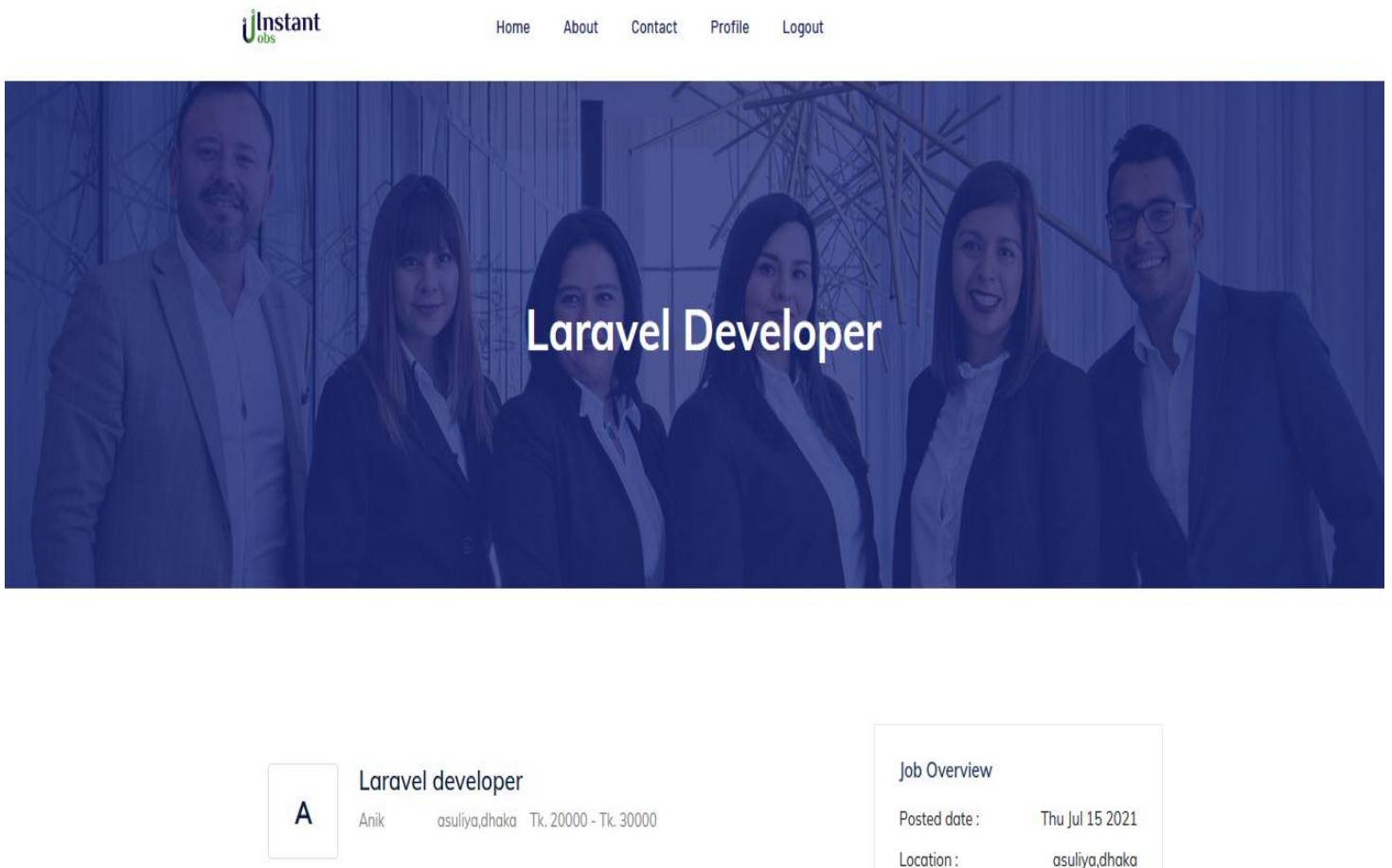


Figure 4.15.1 Job Apply

The following figure 4.15.2 job apply

A

Laravel developer
Anik asuliya,dhaka Tk. 20000 - Tk. 30000

Job Description
We are looking for a laraver developer.

Job Overview
Posted date : Thu Jul 15 2021
Location : asuliya,dhaka
Vacancy : -8
Job nature : Full Time
Salary : Tk. 20000 - Tk. 30000 Monthly
Application date : Fri Jul 30 2021
[Apply Now](#)

Company Information
Anik
sxfgsdfg sdfsd
Name: Anik
Web : www.instantjob.com
Email: anikcse97@gmail.com

Figure 4.15.2 Job Apply Footer Section

4.16 Real Time Messaging

The following figure 4.16 client real time messaging

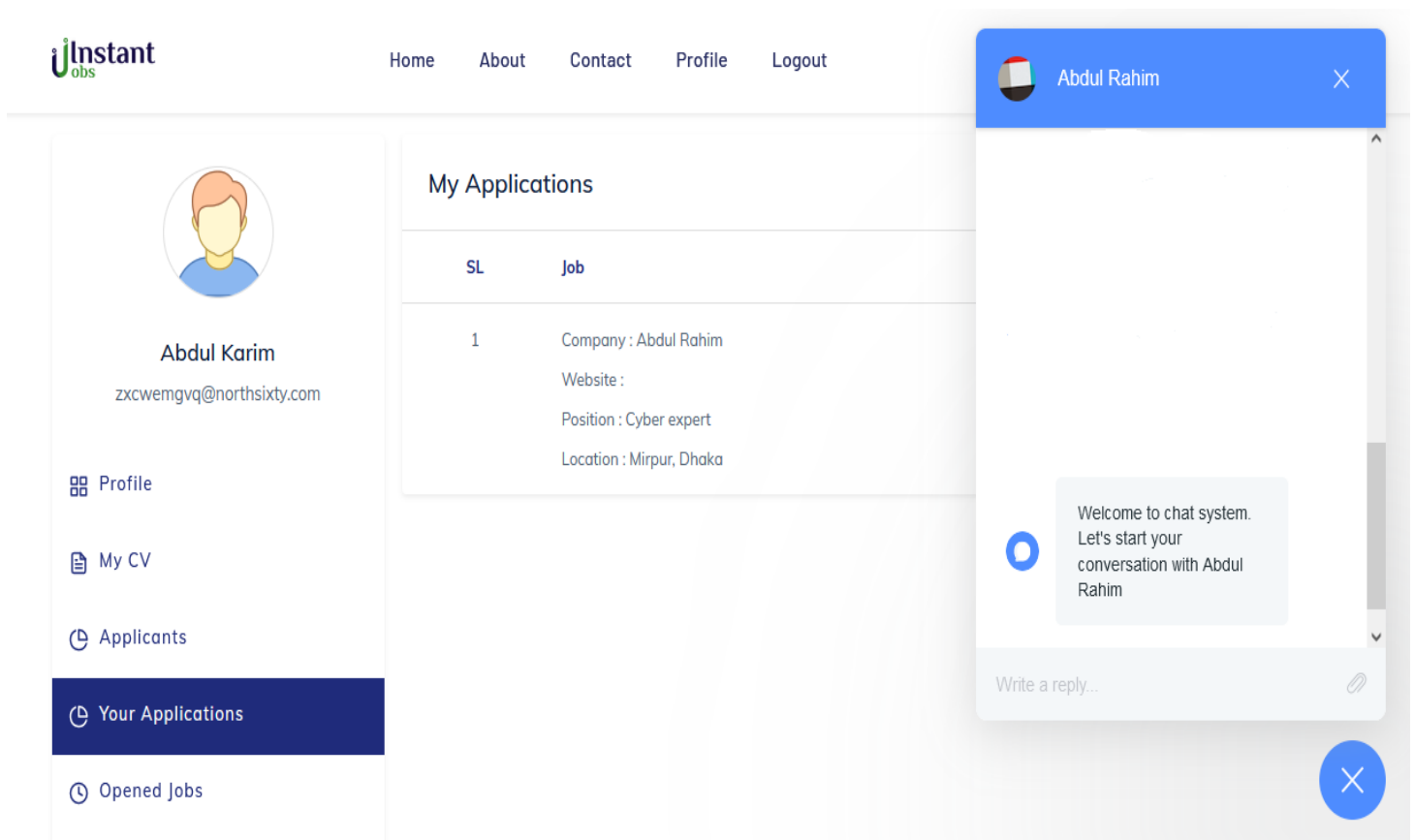


Figure 4.16.1 Client Messaging

4.17 Some of code's screen short

The following figure 4.17 code screenshot

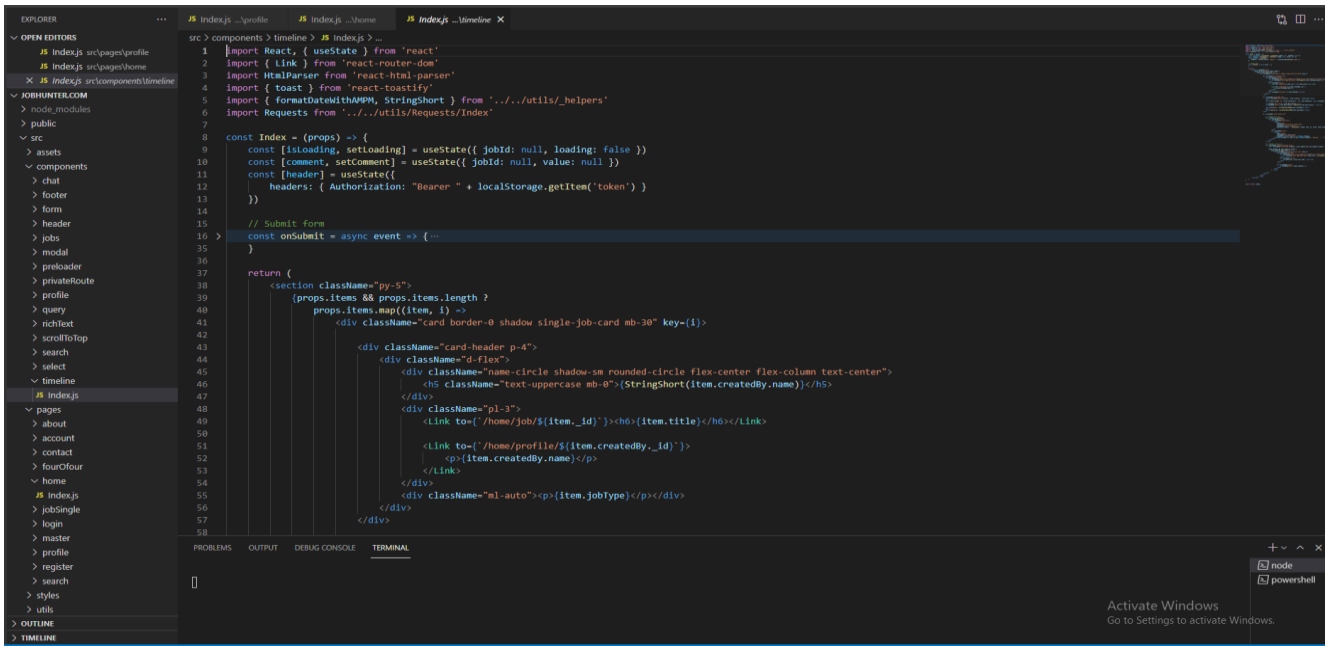


Figure 4.17.1 Code Screenshot

The following figure 4.17.2 code screenshot

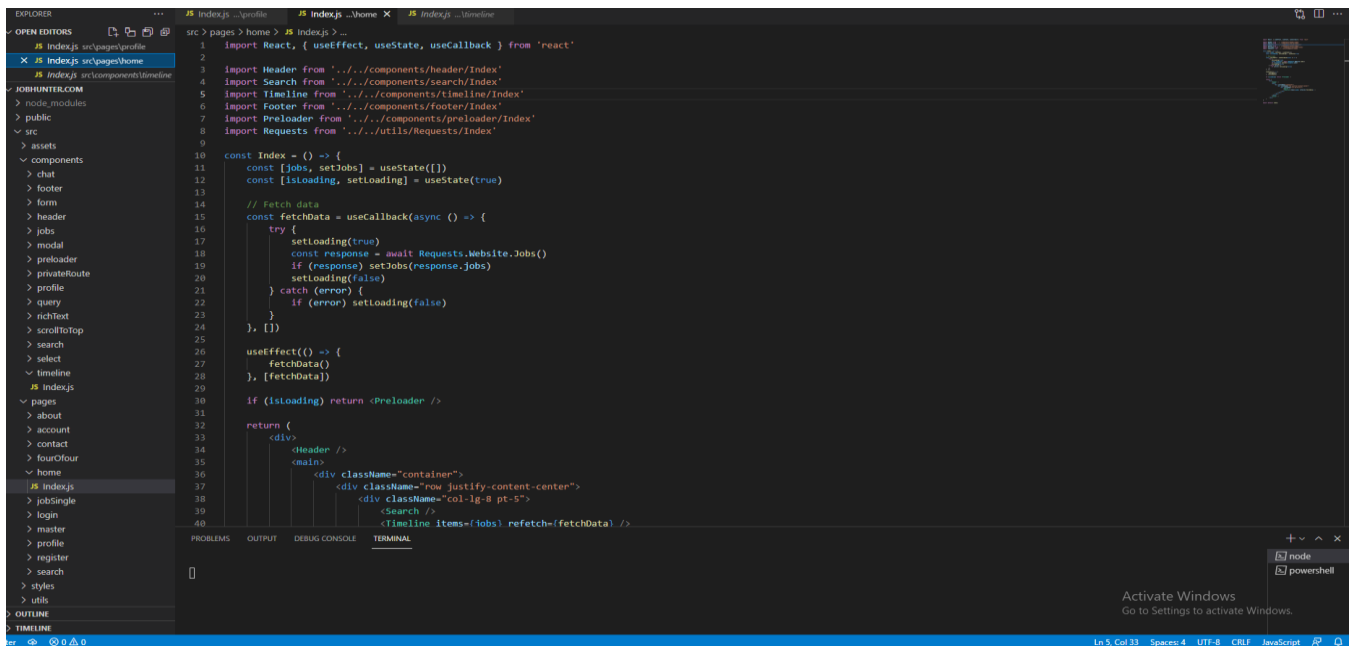


Figure 4.17.2 Code Screenshot

The following figure 4.17.3 code screenshot

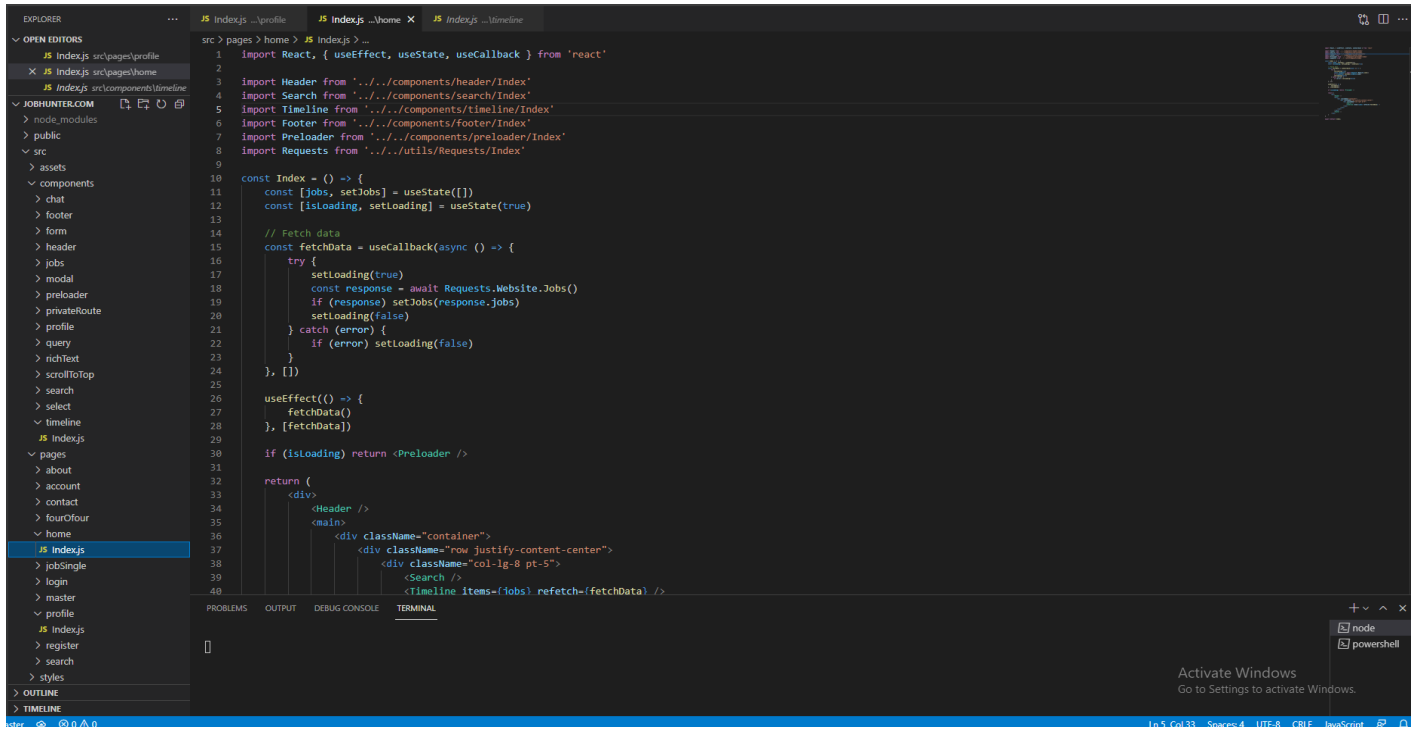


Figure 4.17.3 Code Screenshot

The following figure 4.17.4 code screenshot

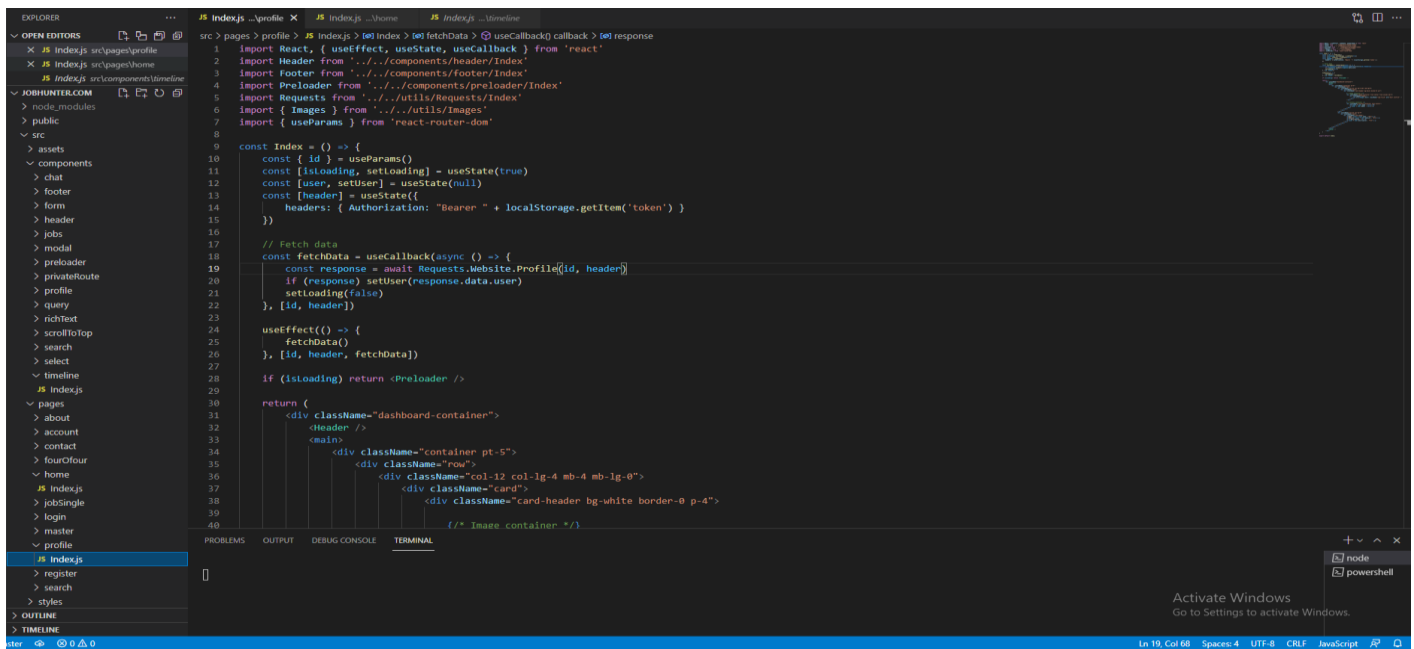


Figure 4.17.4 Code Screenshot

CHAPTER 5

Implementation & Testing

5.1 Implementation of Database

- The user's information or messaging system is made up of a very secret database.
- This database memory is very dynamic and can synchronize very quickly.
- The database system is stored on a cloud server and can view its subsequent messages and posts via login.
- All of these are included in a database management system.

5.2 Database Design

We need a database management system to store our information. Data tables have been created to organize our data. Databases are logical and physical in two categories. As a database expert always draws data models. He follows some data models such as ER-Diagram, Use case diagram, Flow diagram etc. Designed our database system in this project using ER-diagram, use case diagram model. For this reason, our database can be changed very easily at any time.

5.3 Database Management System

Our database is made up of MongoDB. Our database depends on the system. Our database will be created in the same way that we create programs in our system.

5.4 MongoDB

Many database platforms have now been created, one of which is MongoDB. MongoDB Data processes very quickly. Data can be easily added or changed through this database. Below are some of the systems in our database.

The following figure 5.4 database table screenshot

comments 0.710 s 10 Docs			100		
Key	Value	Type			
(1) 60f01c944656401fc4fc181f	{7 fields}	Document			
_id	60f01c944656401fc4fc181f	ObjectId			
user	60f0140e4656401fc4fc176e	ObjectId			
job	60f0151e4656401fc4fc1789	ObjectId			
comment	hi	String			
createdAt	7/15/2021, 5:31:32 PM	Date			
updatedAt	7/15/2021, 5:31:32 PM	Date			
_v	0	Int32			
(2) 60f016cd4656401fc4fc1795	{7 fields}	Document			
(3) 60ed9f03b4fe39185432b3e7	{7 fields}	Document			
(4) 60d9a094ef460c317418c87a	{7 fields}	Document			
(5) 60d8698de7baa3832b642213	{7 fields}	Document			
(6) 60d865dd8687d4793754f652	{7 fields}	Document			
(7) 60d8659f8687d4793754f643	{7 fields}	Document			
(8) 60d8646f8687d4793754f618	{7 fields}	Document			
(9) 60d8642a8687d4793754f611	{7 fields}	Document			
(10) 60d862ac8114d97633e2c7d6	{7 fields}	Document			

Figure 5.4.1 Database Picture

The following figure 5.4.2 database table screenshot

cvs 0.743 s 1 Doc			100		
Key	Value	Type			
(1) 60d9a9dd3e5da70bfc7a08bf	{0 fields}	Document			
_id	60d9a9dd3e5da70bfc7a08bf	ObjectId			
user	60d837182421f12e1ed74af1	ObjectId			
file	1624877533312.pdf	String			
createdAt	6/28/2021, 4:52:13 PM	Date			
updatedAt	6/28/2021, 4:52:13 PM	Date			
_v	0	Int32			

Figure 5.4.2 Database Picture

The following figure 5.4.3 database table screenshot

jobs 0.684 s 5 Docs			100		
Key	Value	Type			
(1) 60f01c504656401fc4fc1811	{ title : "Laravel developer", category : "Software Development" } (18 fields)	Document			
_id	60f01c504656401fc4fc1811	ObjectId			
jobType	Full time	String			
description	We are looking for a laraver developer.	String			
applicants	[ObjectId("60f010154656401fc4fc1732"), ObjectId("60d837182421f12e1ed74af1")]	Array			
comments	[]	Array			
createdBy	60f0140e4656401fc4fc176e	ObjectId			
title	Laravel developer	String			
area	Dhaka	String			
location	asuliya,dhaka	String			
category	Software Development	String			
startSalary	20,000 (20.0K)	Int32			
endSalary	30,000 (30.0K)	Int32			
salaryType	monthly	String			
vacancy	-8	Int32			
expiredAt	7/30/2021, 6:00:00 AM	Date			
createdAt	7/15/2021, 5:30:24 PM	Date			
updatedAt	7/15/2021, 5:48:31 PM	Date			
_v	0	Int32			
(2) 60f0151e4656401fc4fc1789	{ title : "Cyber expert", category : "IT Executive" } (18 fields)	Document			
(3) 60ed9e7eb4fe39185432b3c9	{ title : "Bangla Grammar", category : "IT Executive" } (18 fields)	Document			
(4) 60d84abff12332519aabb2f6	{ title : "Software Engineer Backend", category : "Software Development" } (18 fields)	Document			
(5) 60d839e32c3a4d32f9ae508e	{ title : "Software Engineer", category : "Software Development" } (18 fields)	Document			

Figure 5.4.3 Database Picture

The following figure 5.4.4 database table screenshot

messages 0.734 s 14 Docs			100		
Key	Value	Type			
▲ (1) 60f02a734656401fc4fc1a17	{8 fields}	Document			
🔑 _id	60f02a734656401fc4fc1a17	ObjectId			
🔑 author	60d837182421f12e1ed74af1	ObjectId			
🔑 to	60f0140e4656401fc4fc176e	ObjectId			
roomId	60d837182421f12e1ed74af1--with--60f0140e4656401fc4fc176e	String			
text	hi	String			
createdAt	7/15/2021, 6:30:43 PM	Date			
updatedAt	7/15/2021, 6:30:43 PM	Date			
__v	0	Int32			
▶ (2) 60f0263f4656401fc4fc19e5	{8 fields}	Document			
▶ (3) 60f0263a4656401fc4fc19e3	{8 fields}	Document			
▶ (4) 60ed9e1bb4fe39185432b3ae	{8 fields}	Document			
▶ (5) 60db01172c3ffc2c38829c98	{8 fields}	Document			
▶ (6) 60db010e2c3ffc2c38829c96	{8 fields}	Document			
▶ (7) 60db01092c3ffc2c38829c94	{8 fields}	Document			
▶ (8) 60db00fa2c3ffc2c38829c91	{8 fields}	Document			
▶ (9) 60db00f02c3ffc2c38829c8e	{8 fields}	Document			
▶ (10) 60db00592c3ffc2c38829c7b	{8 fields}	Document			
▶ (11) 60db00502c3ffc2c38829c79	{8 fields}	Document			
▶ (12) 60daf66d26423739c81b18ab	{8 fields}	Document			
▶ (13) 60daf64326423739c81b18a4	{8 fields}	Document			
▶ (14) 60daf22e8e7ec32f64261f37	{8 fields}	Document			

Figure 5.4.4 Database Picture

The following figure 5.4.5 database table screenshot

users 0.664 s 9 Docs			100		
Key	Value	Type			
(1) 60f0218f4656401fc4fc1949	{ name : "All Ruman" } (12 fields)	Document			
_id	60f0218f4656401fc4fc1949	ObjectId			
email	sjvfobebdqltzz@northsixty.com	String			
role	user	String			
website	null	Null			
description	null	Null			
applications	[]	Array			
cv	null	Null			
name	All Ruman	String			
password	\$2a\$10\$UNK2.bDsUPZ2q6HPSgN4uCT7OzD9sryoBO1Q2RTFqV05V16JV3o2	String			
createdAt	7/15/2021, 5:52:47 PM	Date			
updatedAt	7/15/2021, 5:52:47 PM	Date			
_v	0	Int32			
(2) 60f01e7e4656401fc4fc1887	{ name : "Ruman" } (12 fields)	Document			
(3) 60f0172d4656401fc4fc17a7	{ name : "Shifat Hossain Khan" } (12 fields)	Document			
(4) 60f016184656401fc4fc1790	{ name : "Abdul Karim" } (12 fields)	Document			
(5) 60f0140e4656401fc4fc176e	{ name : "Anik" } (12 fields)	Document			
(6) 60f010154656401fc4fc1732	{ name : "Abdul Rahim" } (12 fields)	Document			
(7) 60dadbc839661a31b4d1fc38	{ name : "test 1" } (12 fields)	Document			
(8) 60d86978e7baa3832b64220c	{ name : "Test" } (12 fields)	Document			
(9) 60d837182421f12e1ed74af1	{ name : "ABC test" } (12 fields)	Document			

Figure 5.4.5 Database Picture

5.5 Implementation of Front-end Design

A web developer has to consider many aspects while designing a website, one of which is user acceptance. Then we have some more challenge steps including computer version, Android version, IOS version and hardware version etc. It is often seen that the responsiveness of the website is due to different versions. So, a developer has to make sure that the website is able to run seamlessly on the new version and the old version of all the mobile computer model hardware systems. Suitable for all versions on our website.

5.6 Test Execution

This website is very important for us and the users so it is very important to test it. Once our website is up and running, the traditional way of working is managed and the success is found. We have been testing this website for a long time so that we can review the activities in different aspects. We use many methods through trials so that all the results are successful.

5.7 Unit Test

We solve the problem of different programs of code using some formulas. So we have been solving all the problems while coding on our website from the very beginning. So we were able to fix all the errors that we had in the initial stage.

5.8 Integration Test

We've put together the Front-end Back-end of the website. We then verified the website, although we did not find any errors.

5.9 Function Test

We test all types of initial steps in the interest of our platform needs. And let's verify all the steps one by one. Because our website will play a very important role in running the system. If any errors are found on our website then our purpose will be thwarted.

CHAPTER 6

Future Scope & Conclusion

6.1 Conclusion

We have been able to solve many problems to create our website platform. We have the opportunity to test all types of hardware software browsing many configuration codes. We have taken care of various aspects to maintain the reliability and consistency of the information of our platform and have gathered the information by managing the software engineer standard database. It has contributed to our learning a variety of programming languages. Helped us to learn how to use HTML, Cloud Server, CSS, JavaScript, React, MongoDB Database, Personal Web Server, Domain, Hosting. We sincerely wish all those who have inspired and encouraged us to build our platform. We thank our partners who have worked tirelessly to inspire us to effectively build our platform. We would like to thank all those who are behind the initiative, who are inspiring, enthusiastic and well-wishers.

6.2 Scope for Further Development

- We will make our platform more beautiful and attractive.
- We will make our system more secure.
- We will launch the payment gateway system later.
- We will verify the security of our users through NID card, passport, driving license, birth registration card etc.
- We will follow the Google Location API and Uber App's system on our platform later.
- We will add some more features based on user comments and convenience.

Related work:

- i. freelancer.com one of the best company most job-sharing platform. It was established in 2009.
- ii. Uber one of the best companies in ride sharing apps. It was established in 2009.
- iii. Sheba is one of the companies that has created a job sharing platform for the people of Bangladesh.

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6. Bangladeshi online Job sharing platform (<https://www.sheba.xyz/>) [last accessed on 16-07-2021].

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