

DEVELOPMENT OF JOB SHARING PLATFORM

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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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APPROVAL

This Project titled “DEVELOPMENT OF JOB SHARING PLATFORM”, submitted by MD. SHAFAYET HOSSAIN, NAHID BISWAS and ABDUR RAHMAN 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 Bachelor of Science in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on (Date)

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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Mr. Ohidujjaman, 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

“DEVELOPMENT OF JOB SHARING PLATFORM” is a web application where people can share their jobs and job seekers can find jobs. And for completing jobs job seekers will be paid by the job sharers. It's an efficient, convenient application where job seekers and job sharers will be connected. This application has an admin panel, job sharer panel, job seeker panel. There will be job's category based on job type. Job sharers will have to register to the system by verifying their email. Without verifying email they can't get access to their profile. They can update their profile, share their job. While sharing jobs job sharers can select job's category, add their location. They can add, update, edit, delete their shared job post. They can view the applicants (job seekers) profile's information. And based on applicant's (job seekers) profile details they will decide to send job approval confirmation mail to the selected one's (job seeker) mailbox and job seekers will be notified. Job seekers can login to their dashboard by registering and verifying email. They can search jobs based on their skill, job's type, their location. But for applying the jobs they must login. They can add, edit, update their profile too. They can check job sharer's information too. They can save their favourite jobs. After applying for jobs if job seekers get any approval confirmation mail from the job sharer then he/she will communicate with the job sharer via cell or mail. There will be job recommendations in our system for the users. One unique feature of our application is that any user can recommend jobs to other user by mailing. In admin panel admin will view all the jobs, users. Admin can delete jobs, users. He/she can add job category, testimonial, blog post related with jobs in our application.

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CHAPTER 1

Introduction

1.1 Introduction

The unemployment rate of Bangladesh is increasing. It's a huge problem for our country. People search for jobs, but they can't find the perfect one. Government is trying its best to decrease unemployment rate. As a result, social crime is happening across the country. Because everyone needs money & for making money everyone needs job. On the other hand, people nowadays are too much busy working their jobs. Sometimes they face various problems doing their jobs, they can't do the job timely or perfectly. Sharing their jobs with others may make their life easy. At the same time, there are many people who may have the skills to do their (people have jobs) job but unemployed. So using our application, jobless people may get jobs and earn some money. That's our aim. Suppose Nahid lives in Ashulia. He is a delivery man & has to deliver a product to someone. But somehow he feels sick, he can't do the job! But anyhow the product should be delivered. So right now Nahid will go to our website and share a job post adding amount of money and location to deliver his product! Now Piash needs money and will go to our website and look for a job by searching his area "Ashulia". He will apply for Nahid's job! And if Nahid approves, then an email confirmation will be sent by him to Piash's mailbox. Then Piash will communicate with Nahid via cell number or email provided on our application. And Piash will deliver the product on the behalf of Nahid. Finally Piash will be paid by Nahid for completing the job. This is the main concept of our project.

1.2 Project Motivation

Unemployment rate in our country is rapidly increasing. There are no job fields from where people can earn money easily. I see lots of people after completing graduation become frustrated. Because they have pressure on their back for a good job. They search for jobs everyday. But very sadly there are lacking of jobs in our country. As a result unemployment rate increases in every year. It creates more problem in our country's economy. Without no job after graduation people run after money. Somehow they have to earn money. They have to support their family. Some engages with illegal works which increases crime rate in our country. Some people have to give financial support to their family. Some people commit suicide for no job, no money in our country. Sometimes I open newspaper and gets shocked reading some suicide reports for having no money, no job. So all of these motivated me to make this job sharing web application where people will get some temporary jobs. where people will share their job very easily and people who need job, money will be connected through with simple registration process through this application. By using our application people who dnt have jobs can earn some amount of money with their skill. That's our aim.

1.3 Objective

Our main objective is to create a platform where people can share their jobs And people can apply for jobs based on their skill to earn some money. So that jobless people will find some kind of temporary jobs . We hope people will be able to make money easily and social crime will be reduced.

1.4 Expetced Outcome

- Jobless people will be able to give financial support to their family.
- Unemployment rate will decrease in country.
- Social crime rate will fall down.
- It will be very easy platform to earn money.
- People will share their job and make their life easy & comfortable.

1.5 Benefits of The Project

People can share their job easily .

Jobless people can find job easily

It will provide a time of relaxation to job holder

Better channels of communication

Sharing job can make great result

Jobseeker will be able to earn money

Jobless people can give financial support to their family

Student can earn some money too with their skills.Near future we will add online based job.

Social crime may fall down.

Job holder people can save time sharing job with others.

1.6 Methodology

This Job sharing platform project is carried out through the following phases:

- Existing System Review.
- Data Distribution based on horizontal fragmentation.
- Vertical Fragmentation based on Query statistics.

1.7 Layout of the report

Here, We describe how we developed in our total system.

1.8 Summary

In this chapter, Our objectives come very clear. In this chapter, We have discussed the system

development life cycle and we followed that.

CHAPTER 2

Background

2.1 Introduction

In this modern days people are now online dependent. people search for jobs via online .By using our application they can apply for jobs .And right now we are offering physical job in our application .In future we will add non-physical job(online) people can find jobs and earn some money here. we used visual studio,SQL server for edit, PHP & Laravel for backend and and we used an HTML theme for the front end .

2.2 Related Works

There are many online websites where people looks for jobs. Where people from all over the world share jobs and people apply for those jobs via online .And after finishing those jobs people get handsome amount of money. We took little bit idea from those sites. But our application and concept is little bit unique. Actually we are inspired from <https://www.upwork.com/> where people share jobs and apply for jobs.

Upwork.com

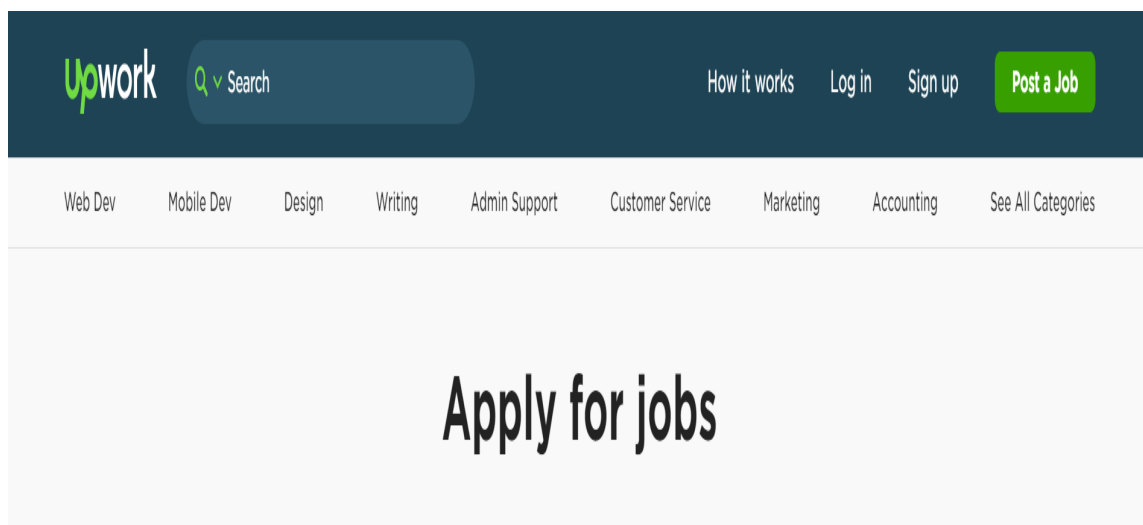


Figure 2.2 Related site

2.3 Comparative Studies

Most of available web application of jobs sharing don't have any physically based job. In those websites, people can earn money via online payment platform like Skrill, PayPal. We are a little bit inspired from them. We are going to do something unique for our country Bangladesh where people will share their jobs like delivering product, grocery shopping, electrical service etc which are all physically based jobs. That's how a job sharing platform will be created across the country. People will earn money.

2.4 Challenges

- Initially our application should build up properly
- Lack of internet coverage in our country because it's a web-based platform
- There are some security issues that may reject our project idea
- Bangladesh is a developing country. So we are not sure the project will be applied or not.

2.5 Introduction of Development platform

This project is mainly based on MySQL database. A web application to be developed in PHP, PHP LARAVEL framework, Vue.js, HTML, CSS, JavaScript, Bootstrap, jQuery.

2.6 Database Platform

The database is a platform where all the data is stored here, the projector model and the controller, through which the data is kept. There are many types of databases. In this project, we have used MySQL 5.6.

2.7 Introduction of Database

In computing, sql server is a relational database management system, currently assumed by Microsoft. As a data host, it's a software package on the basal affair of storing and thinking information for requested by other software applications that may run either about the same pc or on another pc across a network (admitting the Internet).

2.8 Scope

It provides Job sharing management,job searching filter for the seeker. The main purpose of this project is to create a platform where jobless people and job sharer people will be connected in one platform. The system is used to store data over a centralized server which consists of a database where the individual's information can not be accessed by a third party. Some place dont have available internet connection in our country.This concept is very unique.There is a huge security issue and Trust issue.

2.9 Study of feasibility

The proposed system is developed using Active Server Page, JavaScript, and HTML,Vue js as front-end tools and PHP,LARAVEL framework like the back end. The Web browser is used to view the web site that is available within the Windows operating system . All the required hardware and software will be available in the market. So the system is feasible. This proposed system is operationally feasible .Reasons are given below. Feasibleness gets to objectively and rationally break the forces and weaknesses by an existent business concern or advised enter, finds, and threats because presented along with the environment, the resource fullness essential to assume by, and at last the expressions for success. In it has the easiest terms, the 2 measures to judge feasibility are cost asked and value to be attained. A well-designed feasibility analysis had best provide an actual background by the business organization or project, description of the product or servicing, accountancy statements, points of the appendages and direction, mark research and insurances, fiscal data, valid prerequisites, and assess responsibilities.

Normally, feasibility analyzes lead technical development and project execution a few essential factors mentioned in feasibility study.

CHAPTER 3

Requirement & Specification

3.1 Introduction

We discussed here about requirement collections. We discussed here about this project's use-case model and some to the logical data model and design specification.

3.2 Hardware Requirements:

Processor Speed:2.0GHZ

RAM: 2 GB RAM or above

Hard Disk: 40 GB hard disk

Processor: core 2 due

3.3 Software Requirements:

In our system we used some technology.

Those are:

Internet Browser

Sql Server (Xampp)

Visual Studio Text Editor

PHP

Laravel Framework 5.8

JavaScript

Vue js

HTML 5

CSS & CSS3

Bootstrap

JQuery

3.4 UML Diagram

In this chapter we will discuss regarding UML diagram. There are many types of UML diagrams. We intend to discuss a pair of them. By using what we will discuss the entire program.

3.5 Use Case Diagram

This is the use case diagram of our web application

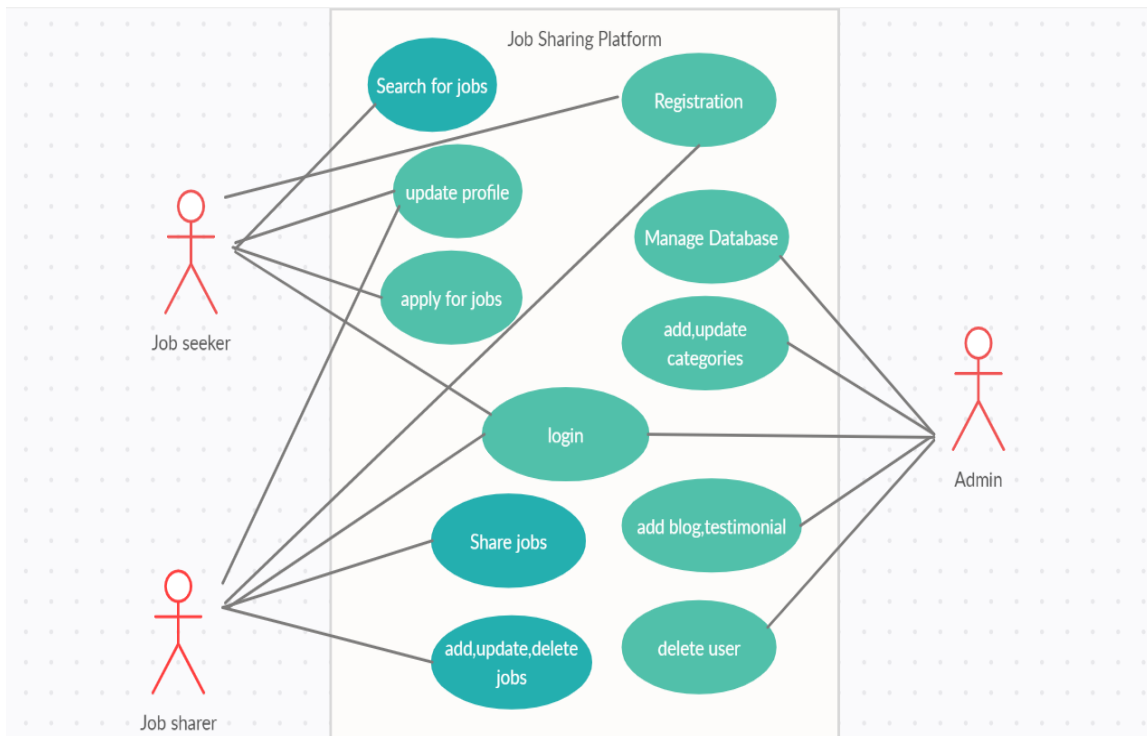


Figure 3.5 Use Case Diagram of the system

3.6 Description of Use Case Model

Actors: The Actors of the use case are job sharer,job seeker,admin.

Use cases: We have explained the set of use cases based upon the functionalities and goals of the management system.

Job Sharer System

Register & Login:

Users who will share job will register to the system and after registering they will login to the system.

Sharing Job:

After logging to the system users will share their job and they can edit, update their posted Job .

Update profile:

Job sharers can update their profile.They can add bio,address,phone number to the System.

Job Seeker System

Register & Login:

Users who are job seekers can view jobs post.But for applying they have register to the system and after registering they will login to the system.And they can apply for jobs.

Searching Job:

Job seekers can view jobs without logging to the system.They can search jobs based on their Category in our system.There is a great searching filter added in our system for

them.

Update profile:

Job seekers can update their profile.They can add bio,address,phone number to the System.It will attract the job sharers .It will increase job approval chances .

Admin System

Managing Databse:

Admin can manages the databases of our system.

Managing Users:

Admin can manages users.If someone violates rule admin can delete the users from the system

Add Category:

Admin will add job's category to the system.admin can also delete the categoris.admin can also add blog to the system,view all jobs,can add testimonial in the system.

3.7 Data Flow Diagram

The following figure 3.7 shows Data flow diagram of the Application

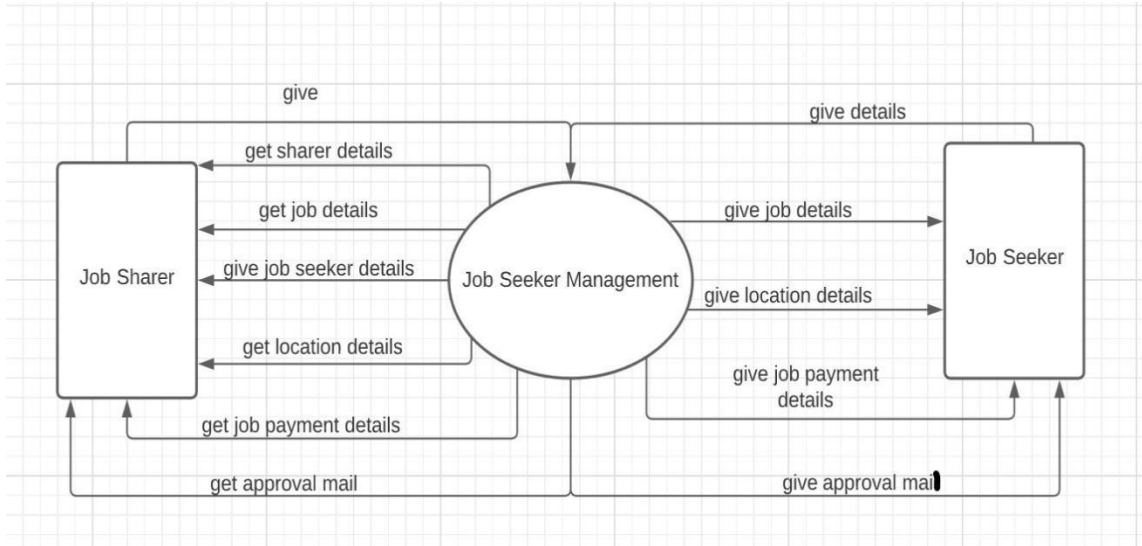


Figure3.7 :Data flow diagram

3.8 Logical Data Model

The following figure 3.8 shows Logical Data Model

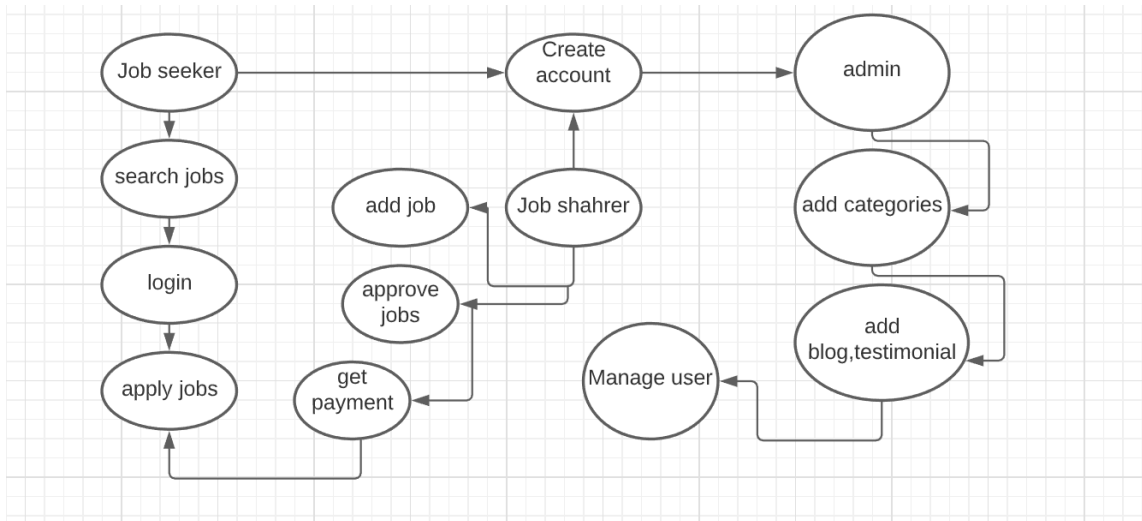


Figure3.8 :Logical Data Model

3.9 Er-diagram of the system

The following figure 3.9 shows Er-diagram of the Application

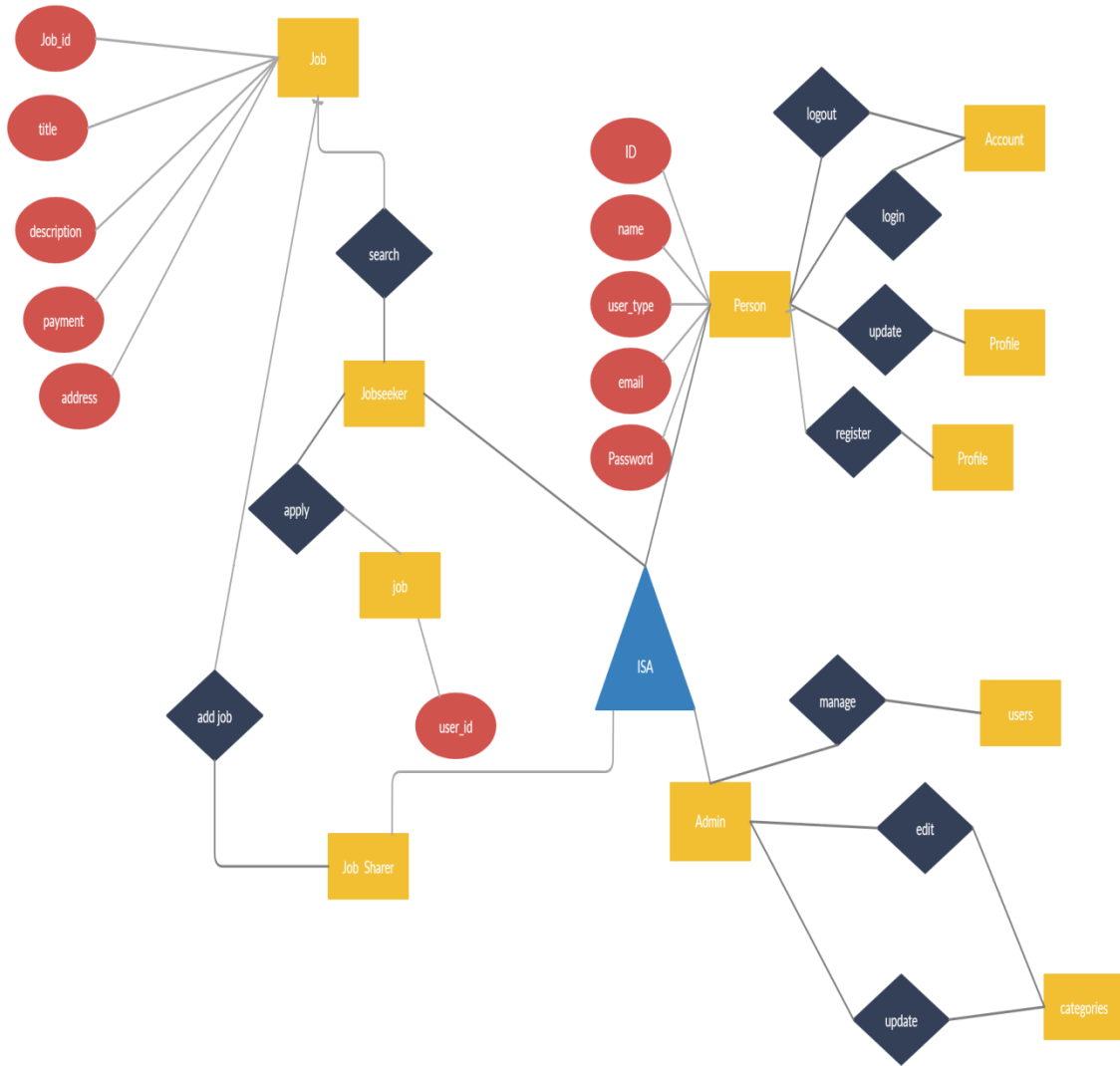


Figure 3.9:Er-diagram

3.9.1 Design requirement

CSS is planned basically to empower the detachment of record content (written in HTML or comparative markup language) from archive introduction, including components like e the design, textual styles,layouts. This partition can improve content availability, give greater adaptability and control in the determination of introduction qualities, empower various pages to share arranging, and decrease intricacy and reiteration in the basic substance, (for example, by taking into account table less website architecture). CSS makes website much attractive to the user.HTML is just the structure of the website.Using CSS we can design our website's layout based on different screen size.There are different types of devices we uses in our life which have different size o screen.So CSS helps here to show website based on the device we are using.It makes website responsive.

3.9.2 Summary

In this part or section, I examined the full venture utilizing the use case graph and information stream outline. I likewise portrayed them extravagantly.

CHAPTER 4

Design Specification

4.1 Front-end Design:

We have utilized in this section a HTML subject (linea topic) and we used CSS, Bootstrap, Vue.js, jQuery for more impact and looking, going from one page to another page and so forth.

4.2 Back-end Design

For this part we have used PHP, Laravel Framework. There is admin panel, user panel, login, registration part everything done in backend.

4.3 Front page

The following figure 4.3.1 shows the front page of the system.

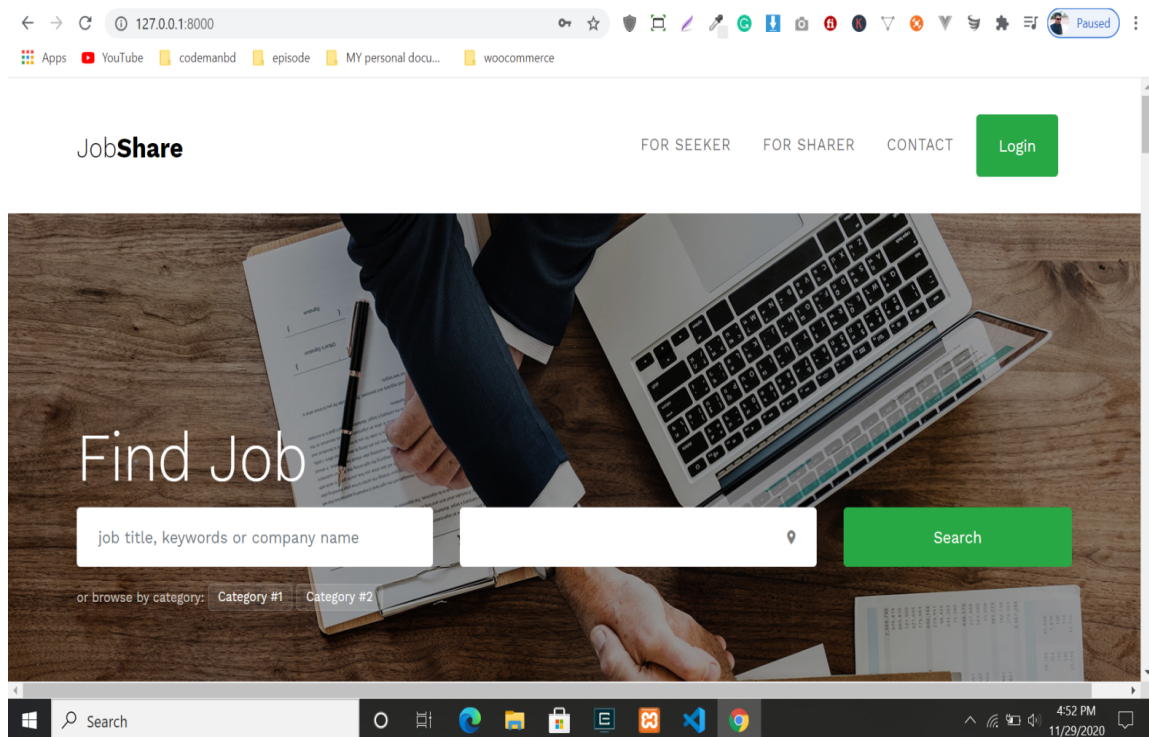


Figure 4.3.1 Front Page of the Application

The following figure 4.3.2 shows all the categories.

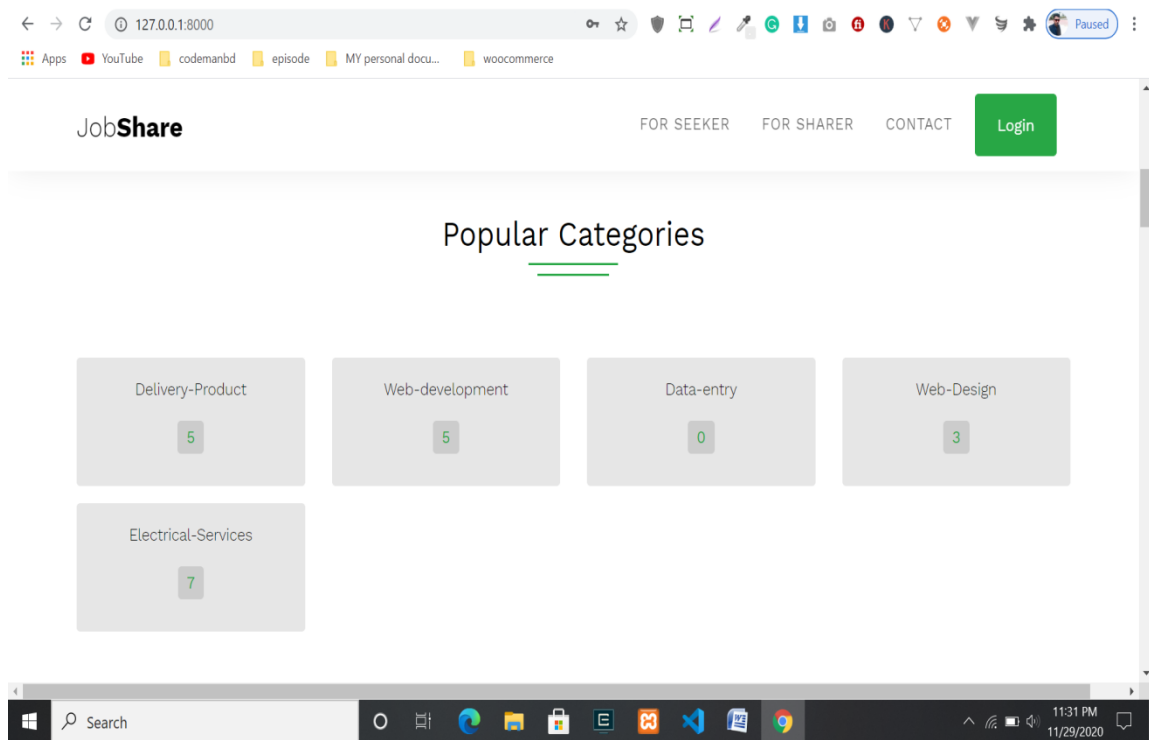


Figure 4.3.2 Popular categories

The following figure 4.3.3 shows all the categories.

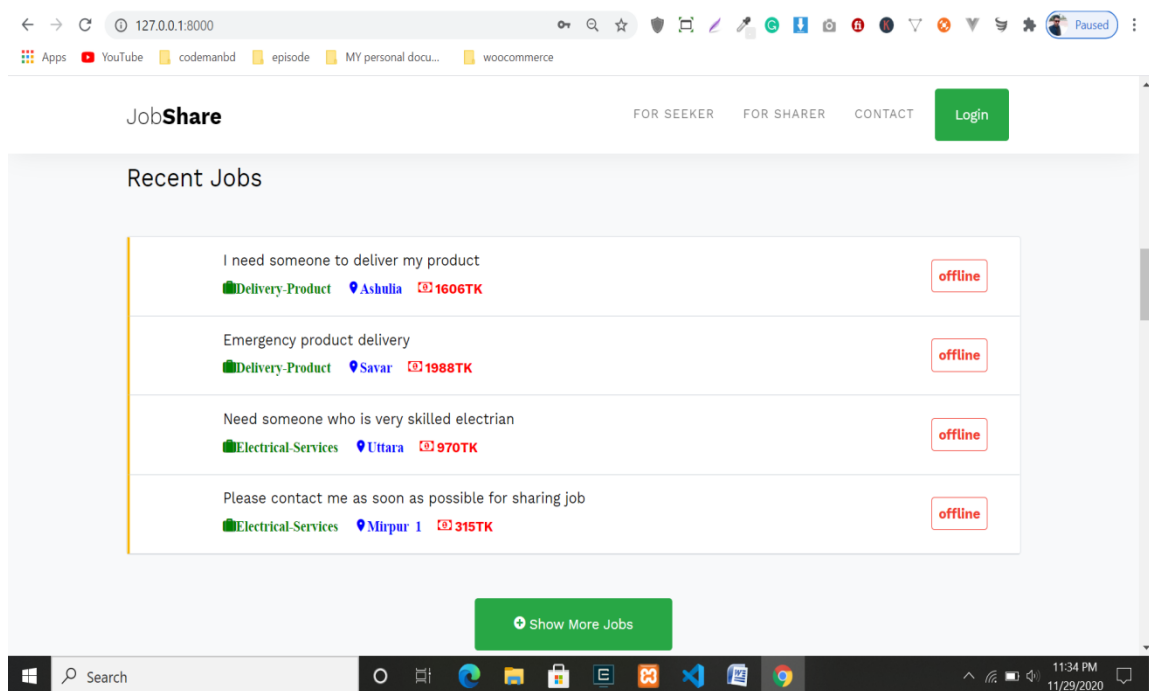


Figure 4.3.3 Recent jobs section

The following figure 4.3.4 shows Testimonial section.

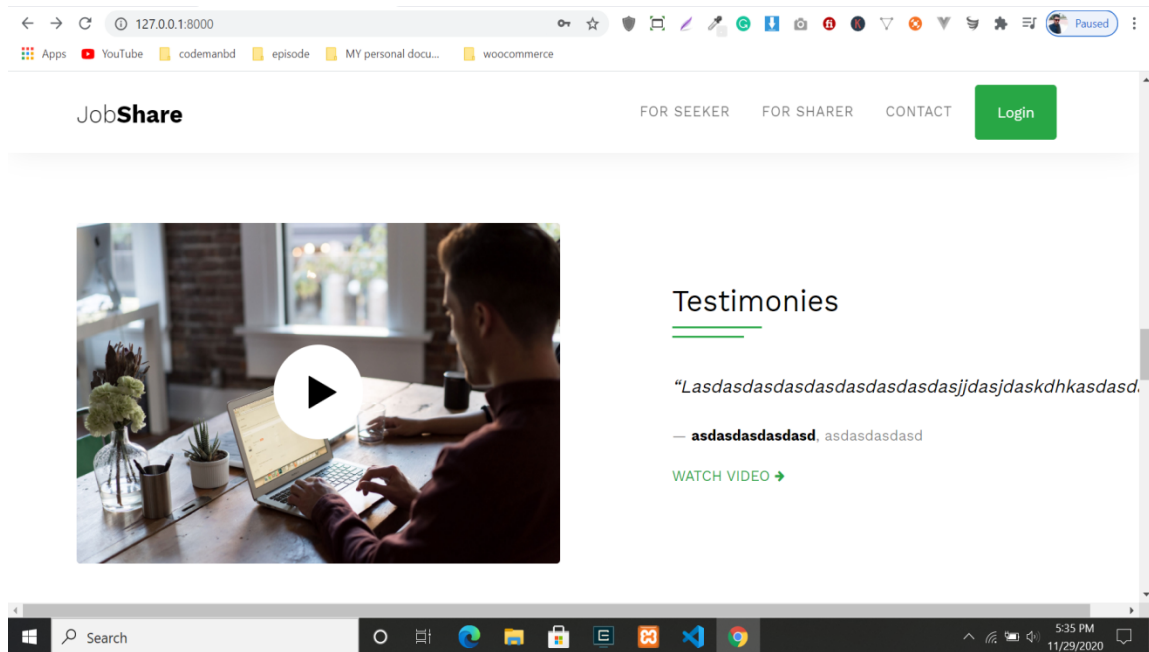


Figure 4.3.4 Testimonial section

The following figure 4.3.5 shows Blogs section

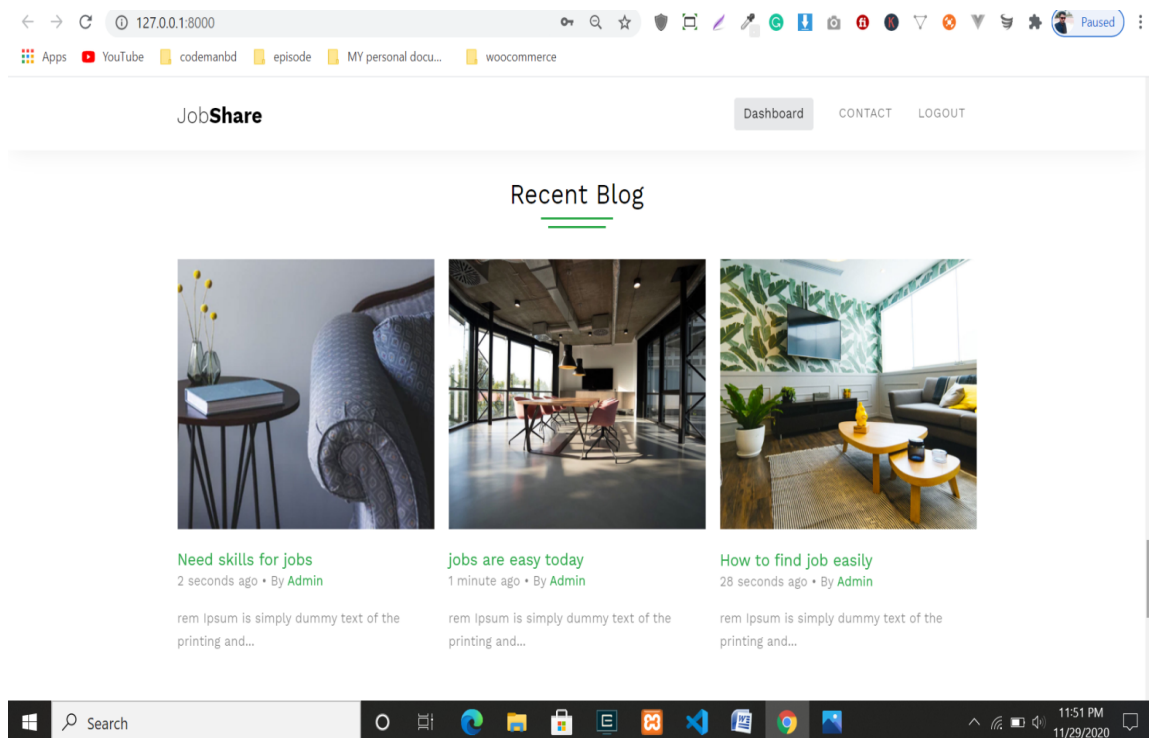


Figure 4.3.5 Blog Section

The following figure 4.3.6 shows Footer section of the application.

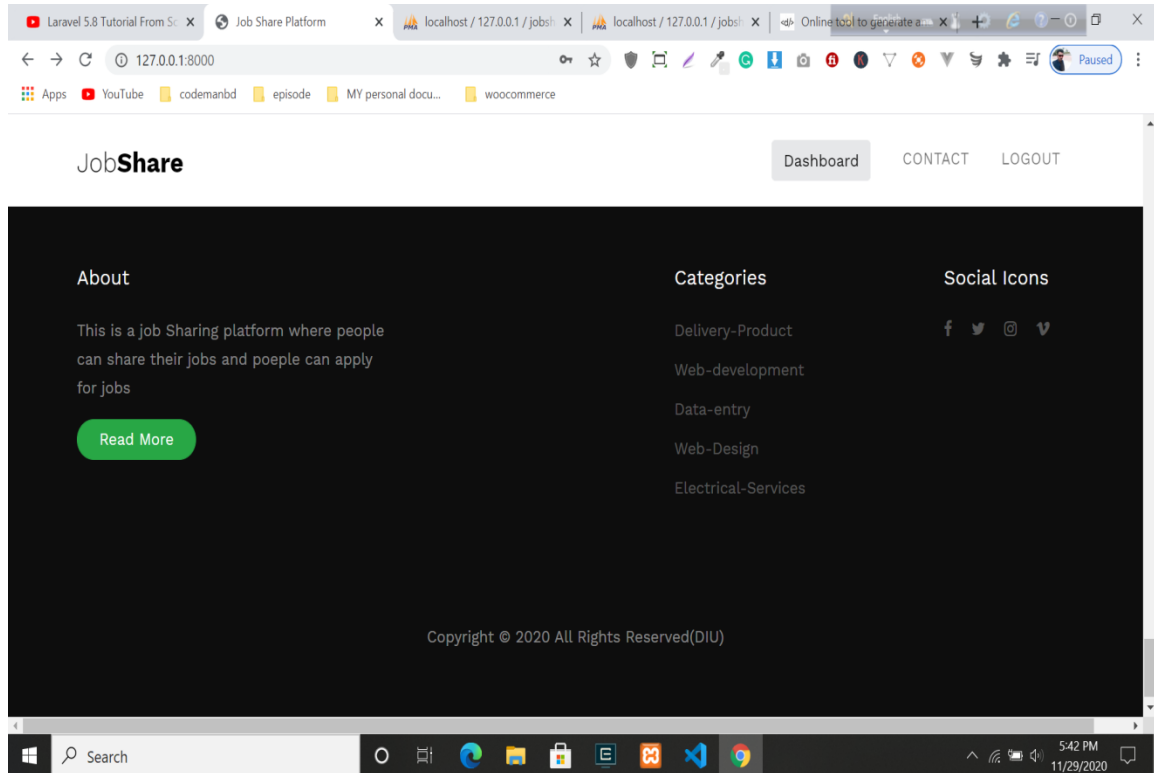


Figure 4.3.6 Footer Section

4.4 User & Admin Modal Login Form

The following figure 4.4 shows Login Form.

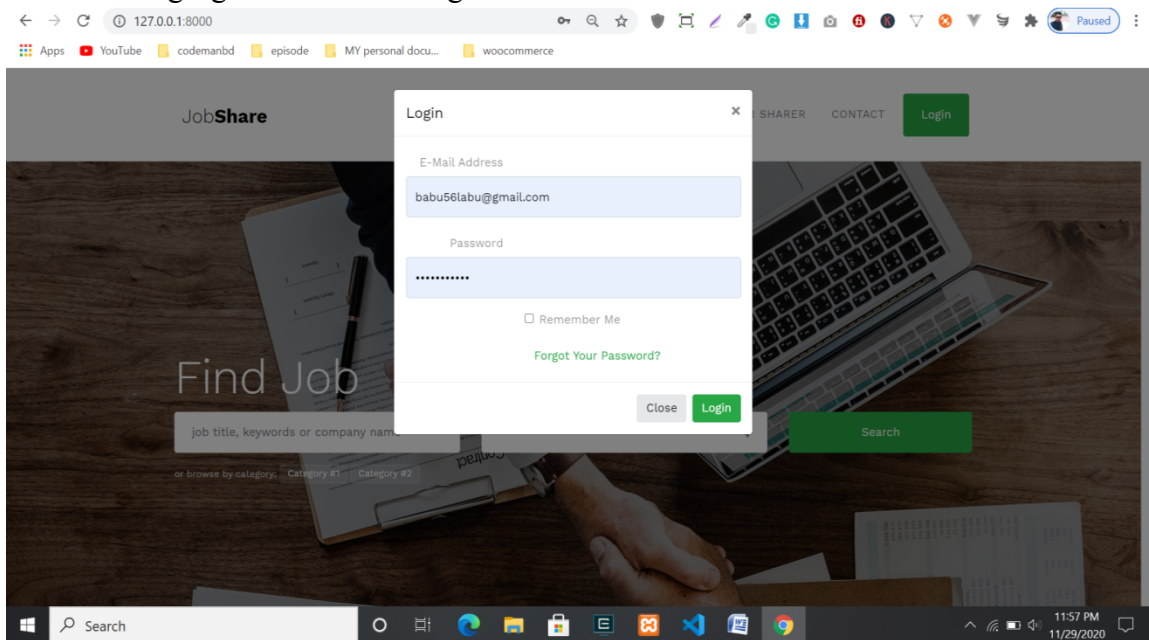


Figure 4.4 Users login Form

4.5 Job Recommendation Form

The following figure 4.4 shows Job recommendation Form.

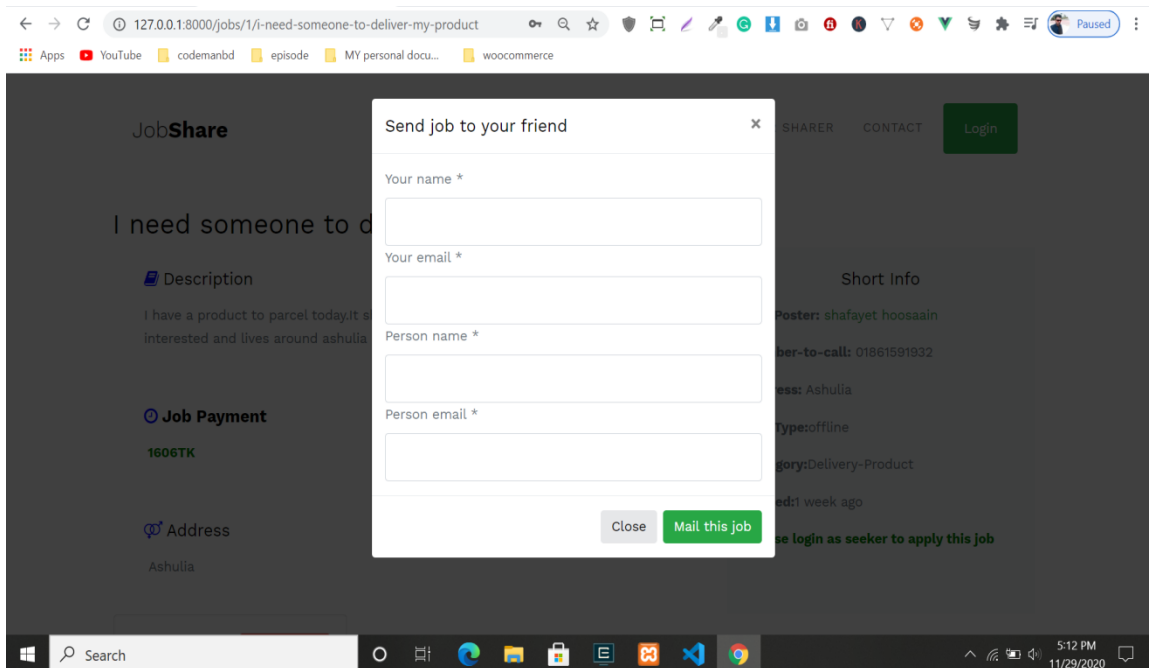
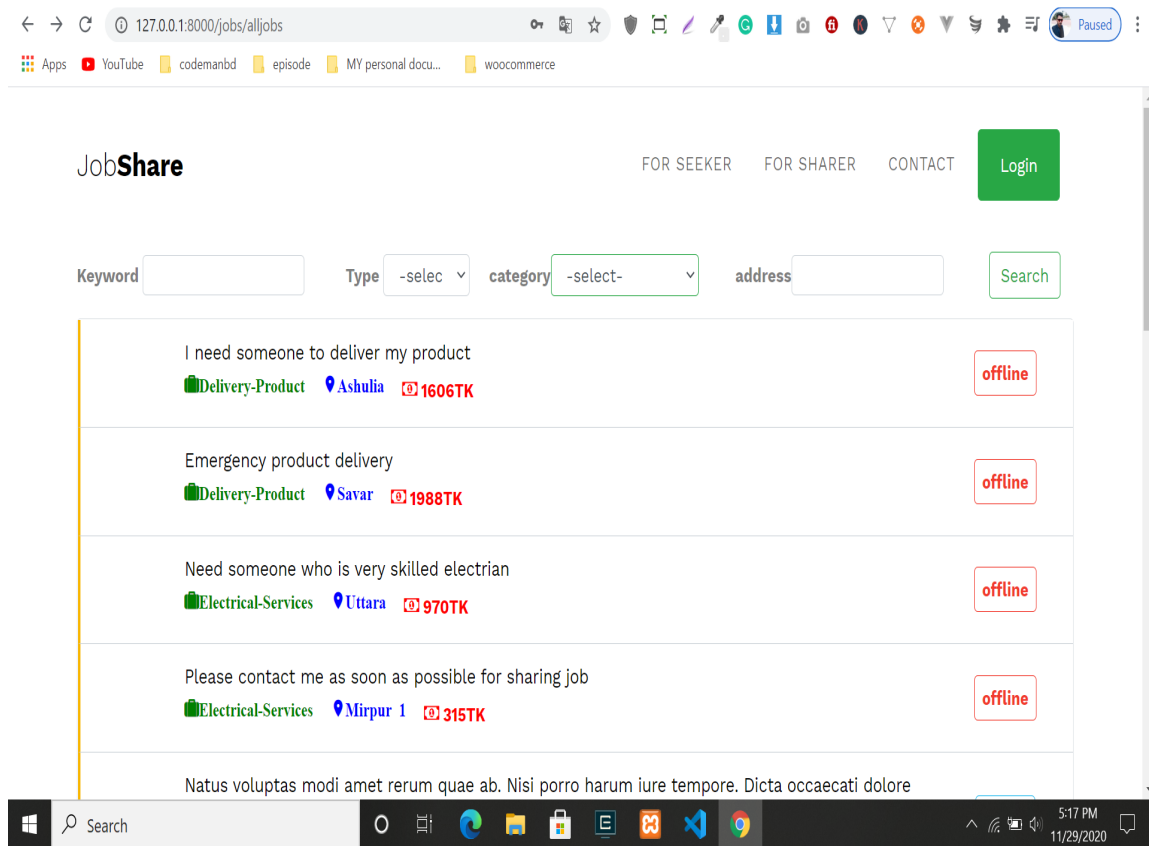


Figure 4.5 Job recommendation Form

4.6 Job Filtering

The following figure 4.6 shows Job Filtering section.



The screenshot shows a web browser window displaying the JobShare website. The browser's address bar shows the URL "127.0.0.1:8000/jobs/alljobs". The website's navigation bar includes "FOR SEEKER", "FOR SHARER", "CONTACT", and a green "Login" button. Below the navigation bar is a search form with the following fields: "Keyword" (text input), "Type" (dropdown menu with "-select-"), "category" (dropdown menu with "-select-"), and "address" (text input). A green "Search" button is located to the right of the "address" field. The search results are displayed in a table with four rows, each containing a job description, category, location, contact number, and an "offline" status button.

I need someone to deliver my product	Delivery-Product	Ashulia	1606TK	offline
Emergency product delivery	Delivery-Product	Savar	1988TK	offline
Need someone who is very skilled electrician	Electrical-Services	Uttara	970TK	offline
Please contact me as soon as possible for sharing job	Electrical-Services	Mirpur 1	315TK	offline

Natus voluptas modi amet rerum quae ab. Nisi porro harum iure tempore. Dicta occaecati dolore

Figure 4.6 Job filtering section


4.7 Job seeker & Job sharer Registration form

The following figure 4.7 registration form.

Seeker Registration

Name

Email

Date of Birth
 

Number

Password


Confrim Password

Gender
 Male Female

Job Sharer Registration

Name

Email

Date of Birth
 

Number

Password

Confirm Password

Gender
 Male Female

Figure 4.7 Users Registration section

4.8 User Profile Update Page

The following figure 4.8 shows user profile section.

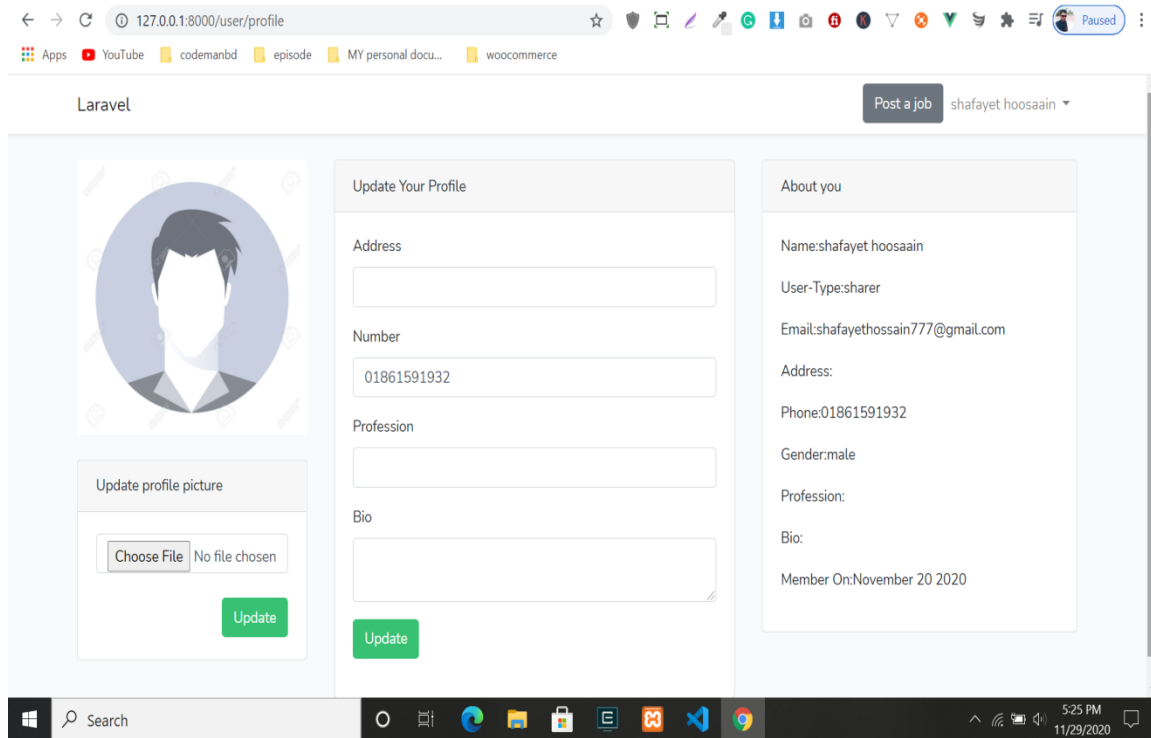


Figure 4.8 Users profile

4.9 Admin Dashboard

The following figure 4.9 shows admin dashboard.

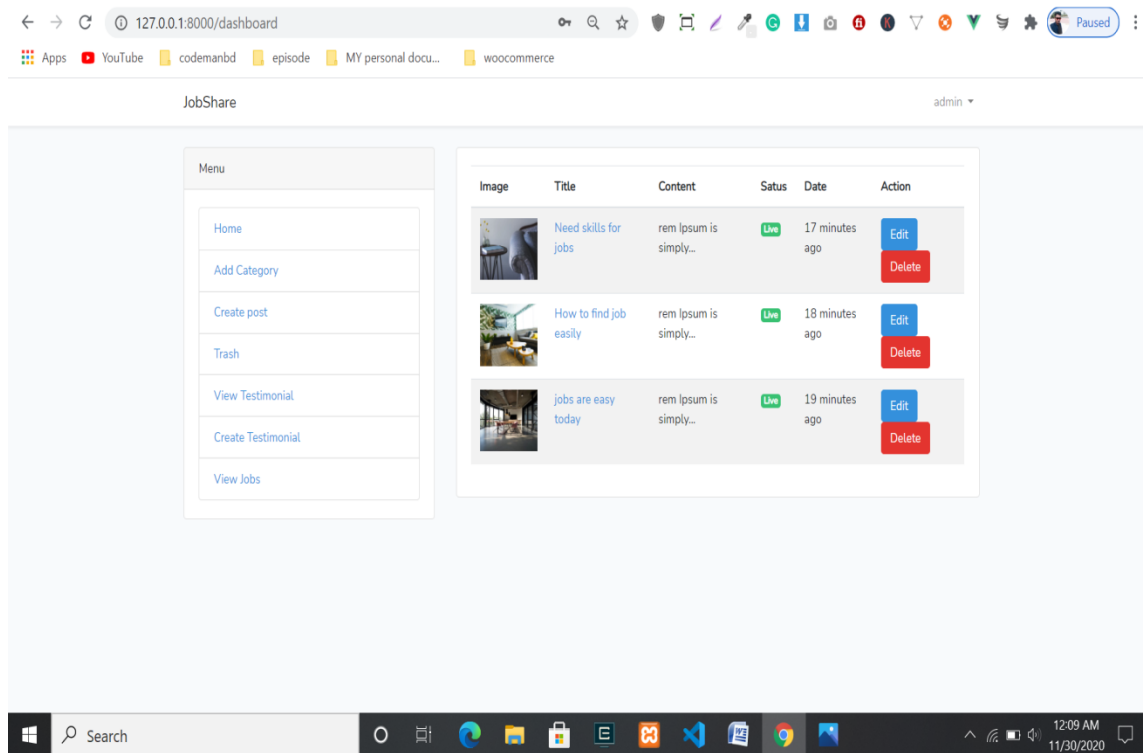


Figure 4.9 Admin Dashboard Section

4.10 Admin Adding Post Form

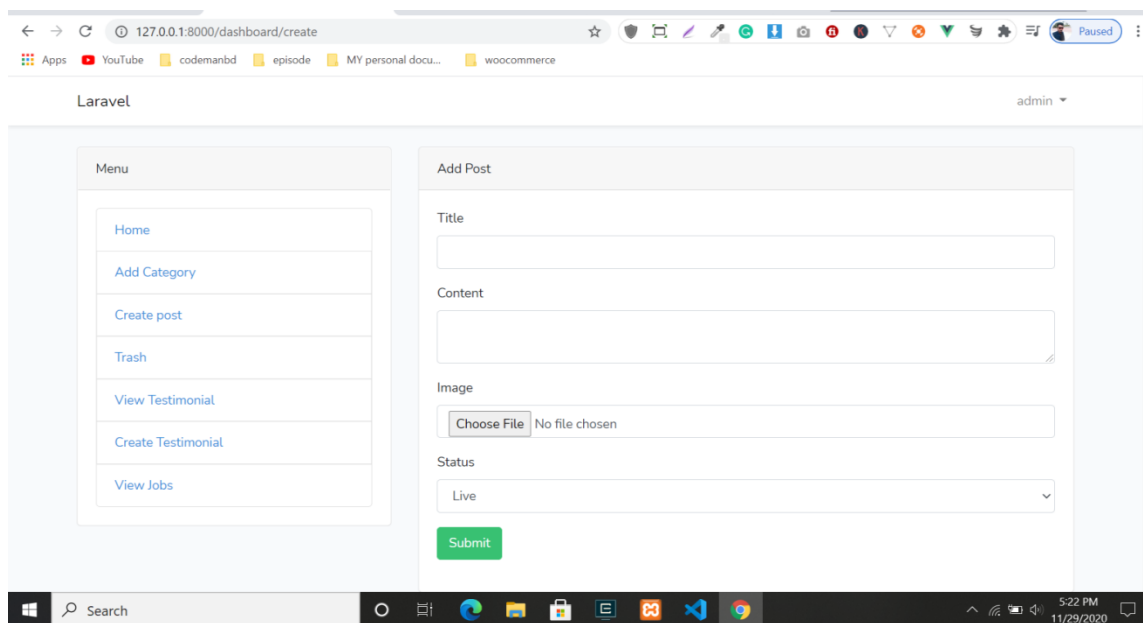
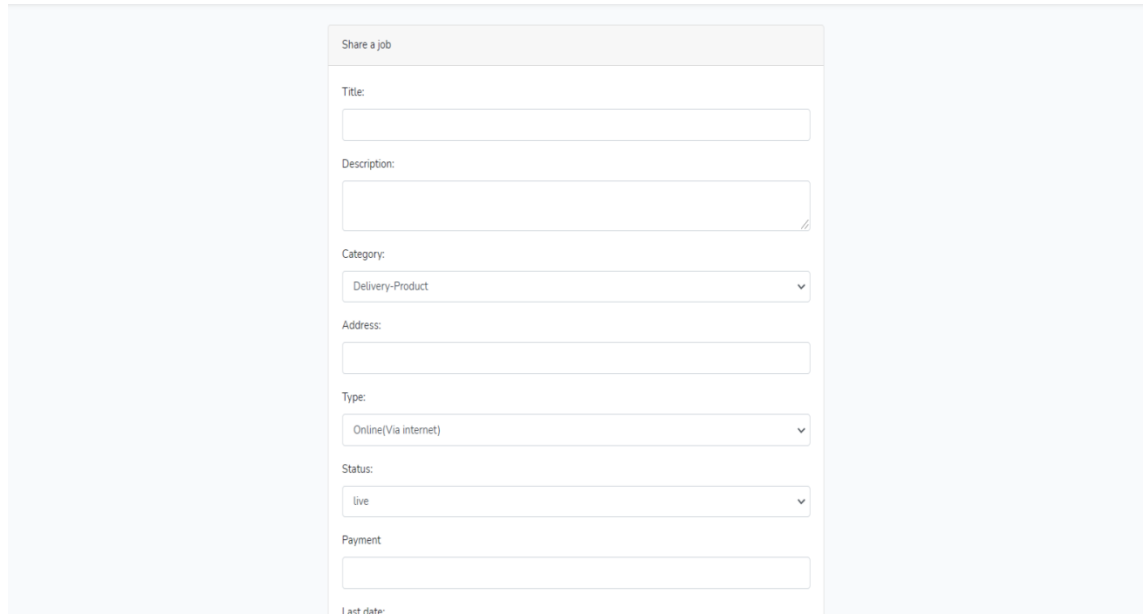


Figure 4.10 Admin Post Adding form

4.11 User Job Sharing Form



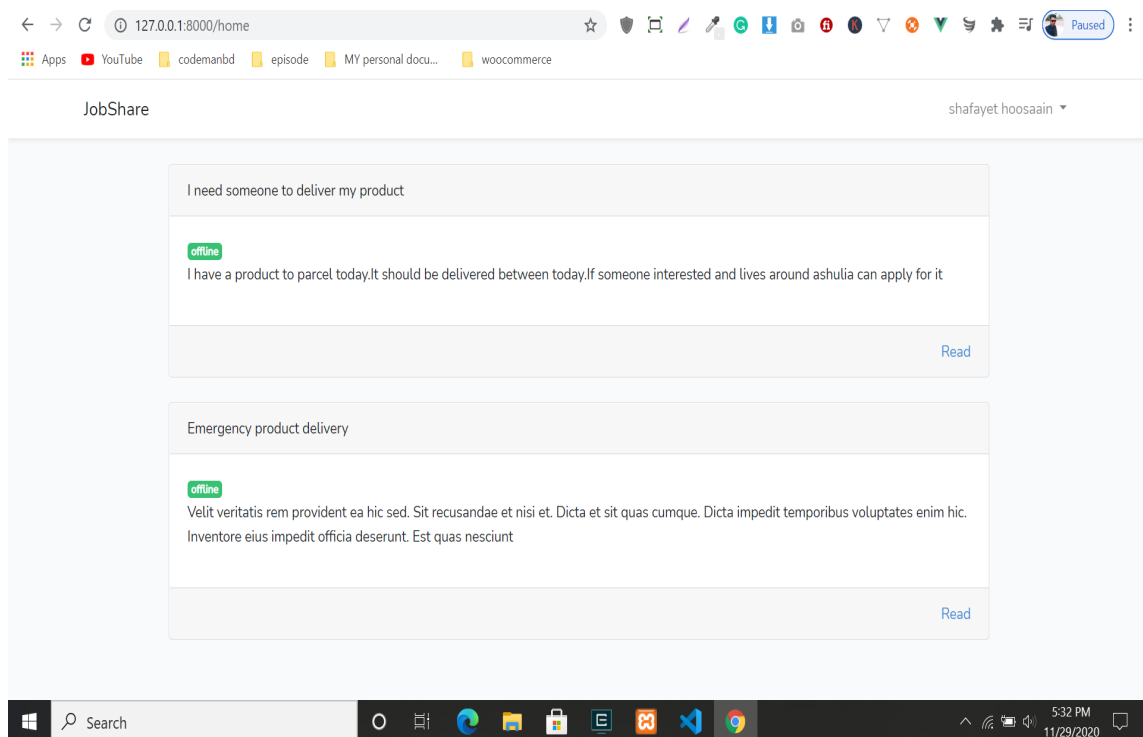
The screenshot shows a web form titled "Share a job" with the following fields:

- Title:
- Description:
- Category:
- Address:
- Type:
- Status:
- Payment:
- Last date:

Figure 4.11. Job sharing Section

4.12 User Saved Jobs

The following figure 4.12 shows user's saved jobs.



The screenshot shows a web browser displaying the JobShare application. The browser address bar shows "127.0.0.1:8000/home". The application header shows "JobShare" and the user name "shafayet hoosaain". The main content area displays two saved jobs:

- Job 1:** "I need someone to deliver my product". Status: **offline**. Description: "I have a product to parcel today.It should be delivered between today.If someone interested and lives around ashulia can apply for it". Action: [Read](#)
- Job 2:** "Emergency product delivery". Status: **offline**. Description: "Velit veritatis rem provident ea hic sed. Sit recusandae et nisi et. Dicta et sit quas cumque. Dicta impedit temporibus voluptates enim hic. Inventore eius impedit officia deserunt. Est quas nesciunt". Action: [Read](#)

The Windows taskbar at the bottom shows the date and time as 5:32 PM on 11/29/2020.

Figure 4.12 User's saved job Section

4.13 User Posted Job List

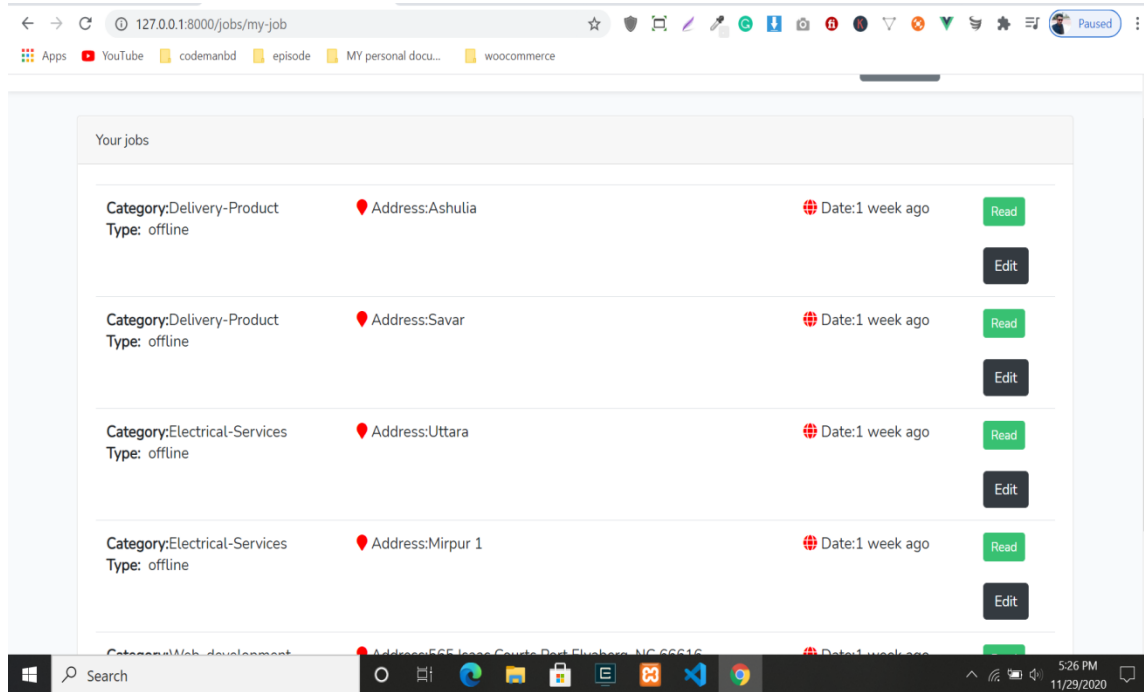


Figure 4.13 User's Posted Job List

4.14 Job's Applicant List

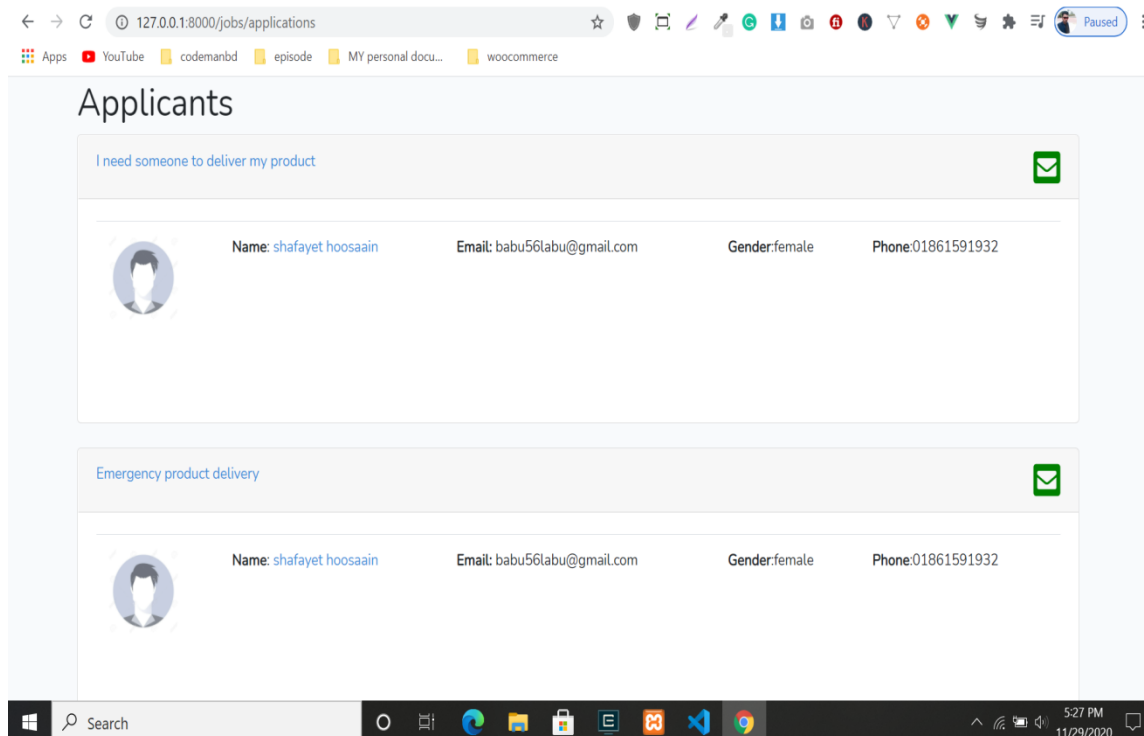
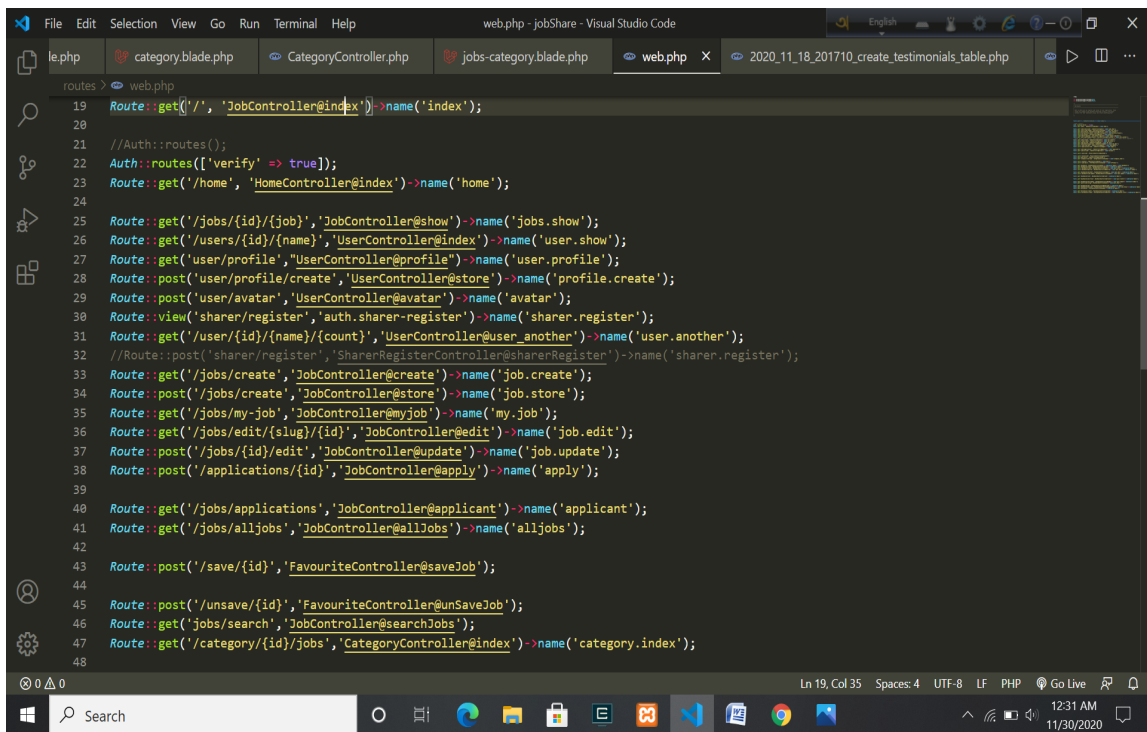


Figure 4.14 Applicant's List

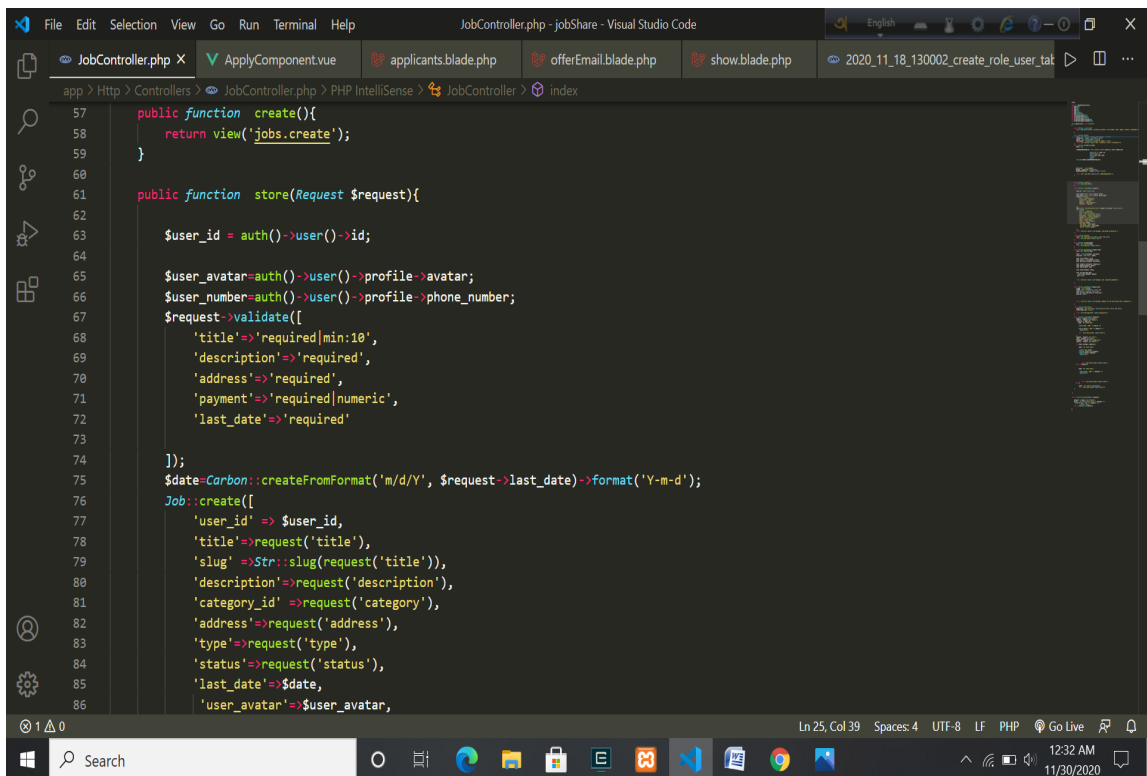
4.15 Some of code's screen short



```
File Edit Selection View Go Run Terminal Help web.php - jobShare - Visual Studio Code
le.php category.blade.php CategoryController.php jobs-category.blade.php web.php x 2020_11_18_201710_create_testimonials_table.php
routes > web.php
19 Route::get('/', 'JobController@index')->name('index');
20
21 //Auth::routes();
22 Auth::routes(['verify' => true]);
23 Route::get('/home', 'HomeController@index')->name('home');
24
25 Route::get('/jobs/{id}/{job}', 'JobController@show')->name('jobs.show');
26 Route::get('/users/{id}/{name}', 'UserController@index')->name('user.show');
27 Route::get('user/profile', 'UserController@profile')->name('user.profile');
28 Route::post('user/profile/create', 'UserController@store')->name('profile.create');
29 Route::post('user/avatar', 'UserController@avatar')->name('avatar');
30 Route::view('sharer/register', 'auth.sharer-register')->name('sharer.register');
31 Route::get('user/{id}/{name}/{count}', 'UserController@user_another')->name('user.another');
32 //Route::post('sharer/register', 'SharerRegisterController@sharerRegister')->name('sharer.register');
33 Route::get('/jobs/create', 'JobController@create')->name('job.create');
34 Route::post('/jobs/create', 'JobController@store')->name('job.store');
35 Route::get('/jobs/my-job', 'JobController@myjob')->name('my.job');
36 Route::get('/jobs/edit/{slug}/{id}', 'JobController@edit')->name('job.edit');
37 Route::post('/jobs/{id}/edit', 'JobController@update')->name('job.update');
38 Route::post('/applications/{id}', 'JobController@apply')->name('apply');
39
40 Route::get('/jobs/applications', 'JobController@applicant')->name('applicant');
41 Route::get('/jobs/alljobs', 'JobController@allJobs')->name('alljobs');
42
43 Route::post('/save/{id}', 'FavouriteController@saveJob');
44
45 Route::post('/unsave/{id}', 'FavouriteController@unsaveJob');
46 Route::get('jobs/search', 'JobController@searchJobs');
47 Route::get('category/{id}/jobs', 'CategoryController@index')->name('category.index');
48
```

Ln 19, Col 35 Spaces: 4 UTF-8 LF PHP Go Live 12:31 AM 11/30/2020

Figure 4.15.1 Some picture of code



```
File Edit Selection View Go Run Terminal Help JobController.php - jobShare - Visual Studio Code
JobController.php X ApplyComponent.vue applicants.blade.php offerEmail.blade.php show.blade.php 2020_11_18_130002_create_role_user_tat
app > Http > Controllers > JobController.php > PHP IntelliSense > JobController > index
57 public function create(){
58     return view('jobs.create');
59 }
60
61 public function store(Request $request){
62
63     $user_id = auth()->user()->id;
64
65     $user_avatar=auth()->user()->profile->avatar;
66     $user_number=auth()->user()->profile->phone_number;
67     $request->validate([
68         'title'=>'required|min:10',
69         'description'=>'required',
70         'address'=>'required',
71         'payment'=>'required|numeric',
72         'last_date'=>'required'
73     ]);
74
75     $date=Carbon::createFromFormat('m/d/Y', $request->last_date)->format('Y-m-d');
76     Job::create([
77         'user_id' => $user_id,
78         'title'=>request('title'),
79         'slug' =>Str::slug(request('title')),
80         'description'=>request('description'),
81         'category_id' =>request('category'),
82         'address'=>request('address'),
83         'type'=>request('type'),
84         'status'=>request('status'),
85         'last_date'=>$date,
86         'user_avatar'=>$user_avatar,
```

Ln 25, Col 39 Spaces: 4 UTF-8 LF PHP Go Live 12:32 AM 11/30/2020

Figure 4.15.2 Some picture of code

```
File Edit Selection View Go Run Terminal Help create.blade.php - jobShare - Visual Studio Code
Testimonial.php create.blade.php ...\testimonial left-menu.blade.php create.blade.php ...\_admin X 2020_11_18_173833_create_posts_table.php
resources > views > admin > create.blade.php > div.container > div.row > div.col-md-8 > div.card > div.card-body > form > div.form-group > select.form-control
6 <div class="col-md-4">
7     @include('admin.left-menu')
8 </div>
9
10 <div class="col-md-8">
11     <div class="card">
12         <div class="card-header">
13             Add Post
14         </div>
15         <div class="card-body">
16
17             <form action="{{route('post.store')}}" method="POST" enctype="multipart/form-data">@csrf
18                 <div class="form-group">
19                     <label>Title</label>
20                     <input type="text" name="title" class="form-control{{ $errors->has('title') ? ' is-invalid' : '' }}" value="{{ old('title') }}"
21                         @if ($errors->has('title'))
22                             <span class="invalid-feedback" role="alert">
23                                 <strong>{{ $errors->first('title') }}</strong>
24                             </span>
25                         @endif
26                 </div>
27                 <div class="form-group">
28                     <label>Content</label>
29                     <textarea id="editors" name="content" class="form-control{{ $errors->has('content') ? ' is-invalid' : '' }}">{{ old('content') }}
30                         @if ($errors->has('content'))
31                             <span class="invalid-feedback" role="alert">
32                                 <strong>{{ $errors->first('content') }}</strong>
33                             </span>
34                         @endif
35                 </div>
36             </form>
37         </div>
38     </div>
39 </div>
```

Figure 4.15.3 Some picture of code

```
File Edit Selection View Go Run Terminal Help show.blade.php - jobShare - Visual Studio Code
show.blade.php X 2020_11_18_130002_create_role_user_table.php 2020_11_18_125837_create_roles_table.php DatabaseSeeder.php Admin.php
resources > views > jobs > show.blade.php > div.album.text-muted > div.container > div.alert.alert-danger > ul
2 @section('content')
3     <div class="album text-muted">
4         <div class="container">
5             @if(Session::has('message'))
6
7                 <div class="alert alert-success">{{Session::get('message')}}</div>
8             @endif
9             @if(Session::has('err_message'))
10
11                 <div class="alert alert-danger">{{Session::get('err_message')}}</div>
12             @endif
13             @if(isset($errors)&&count($errors)>0)
14                 <div class="alert alert-danger">
15                     <ul>
16                         @foreach($errors->all() as $error)
17                             <li>{{ $error }}</li>
18                         @endforeach
19                     </ul>
20                 </div>
21             @endif
22
23             <div class="row" id="app">
24                 <div class="title" style="margin-top: 20px;">
25                     <h2>{{ $job->title }}</h2>
26                 </div>
27             </div>
28
29
30
31 </section>
```

Figure 4.15.4 Some picture of code

CHAPTER 5

Implementation & Testing

5.1 Implementation of Database

- SQL basically translated into algebra. Each relation algebra fragment is optimized.
- User can every query allows to security implemented to per user.
- The memory is very faster. Data is synchronized to memory part of the control system.
- Database system is a disk storage system. All can be gathered for login to the system
- DBMS include all important element to make it easier.

5.2 Database Design

Database design is very important for any kind of data storage. Database design is to make sure that how to represent data table. Database has two procedure that logical and physical. Database collect too many Information for his data model. Majority case who is doing design of database and expertise Person can be very good draw for his work. It's also include ER-diagram. Relationship between the various object to maintain achievement for database. ER diagram can help design to database. Database design when another person can change any data than it also see that how to implement data design. There are two kinds of data table model these are:

1. Primary key
2. Foreign key

5.3 Database Management System

Database Management System is to connect MYSQL. Database system is to provide the programmer how to work. Its system work to way depend on programmer. Database management system is to creating and systematic process

5.4 MySQL

Its very popular database management system. Its an open source relational database management. This website also used MySQL database management system. Many we developer can also prefer MySQL Database system. It's very effective for any kind of database system. Now our application's some background database system is given below:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> applies	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> categories	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> favourites	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> jobs	★ Browse Structure Search Insert Empty Drop	20	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> job_user	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> migrations	★ Browse Structure Search Insert Empty Drop	13	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32 KIB	-
<input type="checkbox"/> posts	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> profiles	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> roles	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> role_user	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> testimonials	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	16 KIB	-
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	24	InnoDB	utf8mb4_unicode_ci	32 KIB	-
13 tables	Sum	72	InnoDB	utf8mb4_general_ci	240 KIB	0 B

Figure 5.4.1 System Database

	id	name	name_slug	user_type	email	email_verified_at	password	total_jobs	remember_token	created_at
<input type="checkbox"/> Edit Copy Delete	1	Miss Daphne Glover	miss-daphne-glover	seeker	kulas.marilou@example.org	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	ouUqjMXpRh	2020-11-20 20:27:54
<input type="checkbox"/> Edit Copy Delete	2	Camron Upton PhD	camron-upton-phd	seeker	jaquelin.cummerata@example.org	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	auYmmAFwj	2020-11-20 20:27:54
<input type="checkbox"/> Edit Copy Delete	3	Flossie Bruen	flossie-bruen	seeker	brice.barrows@example.com	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	jXZwago7kL	2020-11-20 20:27:54
<input type="checkbox"/> Edit Copy Delete	4	Adelia Cassin	adelia-cassin	seeker	gtop@example.com	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	l65TFzzYR	2020-11-20 20:27:54
<input type="checkbox"/> Edit Copy Delete	5	Griffin Jacobi	griffin-jacobi	seeker	yzbncak@example.org	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	DoegYSMgkH	2020-11-20 20:27:54
<input type="checkbox"/> Edit Copy Delete	6	Miss Desiree Stracin PhD	miss-desiree-stracin-phd	seeker	flatley.letha@example.net	2020-11-20 20:27:54	\$2y\$10\$92lXUNpki00rOQ5byMi.Ye4oKoEa3Ro9lCj...og/at2...	0	qCxweP7ACK	2020-11-20 20:27:54

Figure 5.4.2 User table

5.5 Implementation of Front-end Design

Developing a design for website is very challenging. Because all the time you have to consider the user Friendly front end. Its very challenging because any kind of smartphone that support android among them some device has very weak hardware component, in small pressure those devices behave like Weird. Beyond different device can be different in version. So we have to design a system which can support all the devices and have to ensure that the system that support most of the android version from newer to older and doesn't create any extra pressure on the device. We have to make ensure that the design is responsive. That's means in any size of device the system design's layout won't be broken.

5.6 Test Execution

This is a web project that's why testing is very much essential for this system deploy the application. It will amount overall operational and could fix the knowledge that app by input and output measurement. On the other hand, a trial run may afford the feed back that however a good deal time them put up hold off to run and could enforce exact operation. There is systematic a lot essaying that could follow as coating. As this coating we havedone some testing. They are given here

5.7 Unit Test

This formula represents applied as when the code is applying then the-developer checked out since his own up first errors. So, in our case we got ensured while we wre doing code and adjudicated to discover the initial faults.

5.8 Integration Test

We integrated all back-end code and front- end. Then we checked this and if any kinds of layout are broken or not broken.

5.9 Function Test

we complete all initial prerequisites from these project that require to be. And all the purposes are tried one by one. Because the roles are the main important part as a system. If function does not exploit by rights and then the system will be wasted.

CHAPTER 6

Future Scope & Conclusion

6.1 Conclusion

This venture has given us a plentiful chance to configuration, code, test and executes an application. This has helped in incorporating of different Software Engineering standards and Database Management ideas like keeping up trustworthiness and consistency of information. Further, this has helped us to get familiar with HTML, CSS, JavaScript, PHP, Laravel,Vue js Personal Web Server. We thank our guide for his significant commitment in directing us all through the task. We likewise thank our folks and companions who have upheld and inspired us to finish this task effectively

6.2 Scope for Further Development

Add something to make the system more attractive.Those are given below

- We will add many more interactive features to make system attractive.
- We will add google geo location feature using Rest Api for searching address.
- We will add live chatting options .So that job sharer and job seeker can chat with each other.
- We will add online based job category in our system in near future
- We will add NID registration system for maintaining security issues
- We will make user interface more attractive
- We will add User's review system.

Related work:

- i. Upwork.com is a online website where people can share their jobs,apply for jobs,search for jobs related with their skill was established in 2003

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