School of Computer Application

Online Job Portal

Supervision

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Students Works

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Abhinav Kumar (12102850)

ABSTRACT

The aim of this project is to develops an online search Portal for thejob seekers. The system is an online application that can be accessed throughout anywhere with proper login provided. This system can be used as an Online Job Portal for the job seekers to manage the information with regards to placement. Candidates logging should be able to upload their information in the form of a CV. Visitors/Company representatives logging in may also access/search any information put up by Students.

The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MYSQL Server and all the user interfaces have been designed using the HTML, CSS, Bootstrap, JavaScript & PHP technologies. The database connectivity is planned to use the “SQL Connection” methodology. The standards of security and data protective mechanism have been given a big choicefor proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable strategies and standards that are put forwarded by the administrative staff.

CONTENTS

1. INTRODUCTION

1.1. INTRODUCTION TO PROJECT
1.2. SCOPE OF THE PROJECT

2. SYSTEM ANALYSIS

2.1. SYSTEM WORKFLOW
2.2. STUDY OF THE SYSTEM

3. MODULES /FUNCTIONALITIES OF THE PROJECT

4. ROLES OF INDIVIDUALS IN THE PROJECT

5. OUTPUT SCREENS

5.1. STRUCTURE OF THE FRONT END (USER INTERFACE)
5.1.1. USER REGISTER PAGE
5.1.2. USER LOGIN PAGE
5.1.3. HOME PAGE
5.1.4. CONTACT US PAGE
5.1.5. JOB LIST

5.2. STRUCTURE OF THE BACK END (DATABASE & TABLES)
5.2.1. WHOLE DATABASE
5.2.2. USER TABLE
5.2.3. JOB TABLE
5.2.4. COUNTRY TABLE
5.2.5. ALERTS TABLE
5.2.6. CATEGORIES TABLE

6. CODE SNIPPETS

7. CONCLUSION

8. BIBLIOGRAPHY OR REFERENCES

Chapter 1

INTRODUCTION

1.1. INTRODUCTION TO PROJECT

This project is aimed at developing an online search Portal for the Placement Details for job seekers. The system is an online application that can be accessed throughout the organization and outside as well with proper login provided. This system can be used as an Online Job Portal for job seekers. Job Seekers logging should be able to upload their information in the form of a CV. Visitors/Company representatives logging in may also access/search any information put up by Job aspirants.

1.2. SCOPE OF THE PROJECT

This system can be used as an Online Job Portal for the Placements providing to the un employees who are seeking for a job placement. Job Seeker logging into the system and he/she can be able to upload their information in the form of a CV. Visitors/Company representatives logging in may also access/search any information put up by Job Seeker.

Chapter 2

SYSTEM ANALYSIS

2.1. ANALYSIS MODEL

The model that is basically being followed is the WATERFALL MODEL, which states that the phases are organized in a linear order. First, the feasibility study is done. Once that part is over the requirement analysis and project planning begins. If system exists one and modification and addition of new moduleis needed, analysis of present system can be used as basic model.

The design starts after the requirement analysis is complete and the coding begins after the design is complete. Once the programming is completed, the testing is done. In this model the sequence of activities performed in a software development project are: -

- Requirement Analysis
- Project Planning
- System design
- Detail design
- Coding
- Unit testing
- System integration & testing

Here the linear ordering of these activities is critical. End of the phase and the output of one phase is the input of another phase. The output of each phase is to be consistent with the overall requirement of the system. Some of the qualities of

spiral model is also incorporated like after the people concerned with the project review completion of each of the phase the work done.

WATERFALL MODEL was being chosen because all requirements were known beforehand, and the objective of our software development is the computerization/automation of an already existing manual working system.

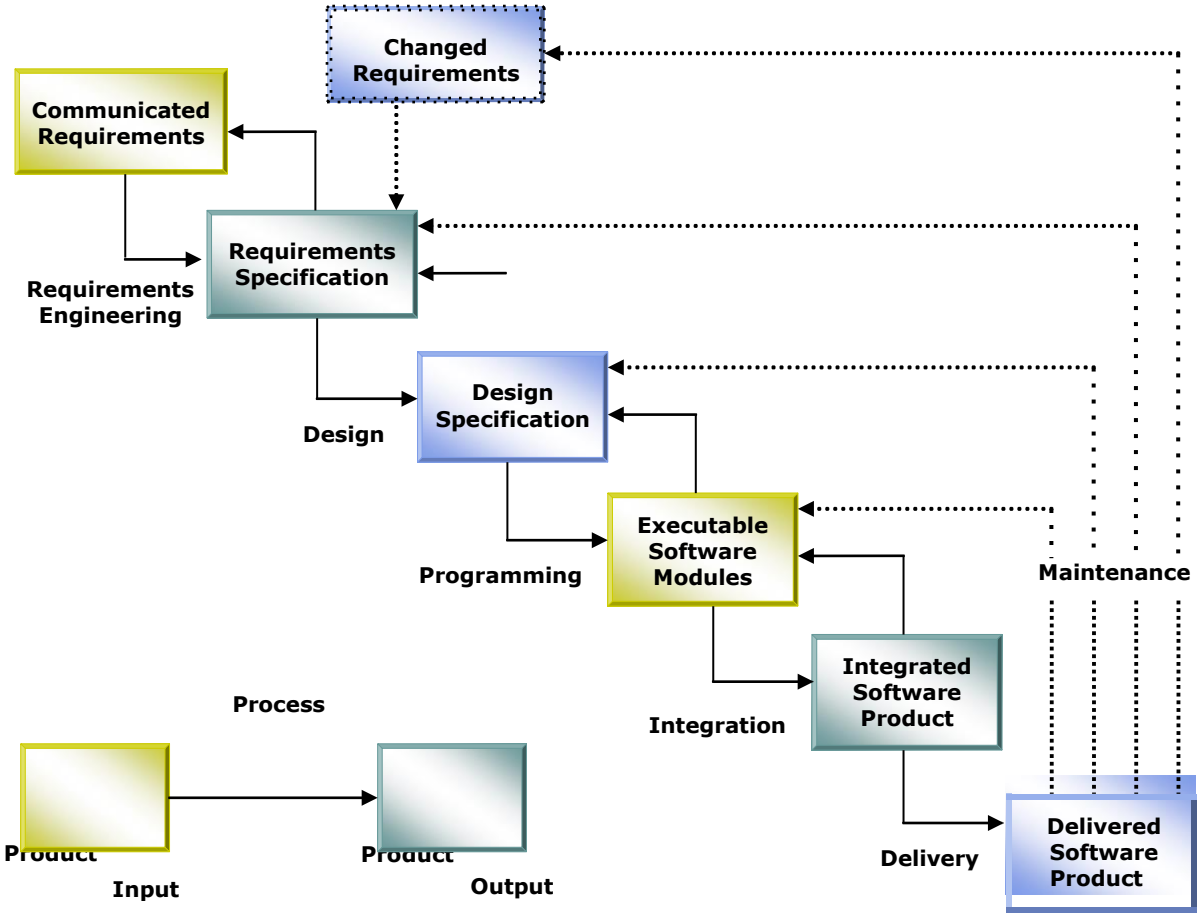


Fig: Water Fall Model

2.2. STUDY OF THE SYSTEM

GUI'S

In the flexibility of the uses the interface has been developed a graphics concept in mind, associated through a browser interface. The GUI'S at the top level have been categorized as

1. Administrative user interface
2. The operational or generic user interface

The administrative user interface concentrates on the consistent information that ispractically, part of the organizational activities and which needs proper authentication for the data collection. The interfaces help the administrations with all the transactional states like Data insertion, Data deletion and Date updating along with the extensive data search capabilities.

The operational or generic user interface helps the users upon the system in transactions through the existing data and required services. The operational user interface also helps the ordinary users in managing their own information helps the ordinary users in managing their own information in a customized manner as per the assisted flexibilities.

Chapter 3

MODULES /FUNCTIONALITIES OF THE PROJECT

NUMBER OF MODULES

The system after careful analysis has been identified to be presented with the following modules:

The modules involved are:

- Admin
- Job Seeker
- Job Provider
- Notification
- Search
- Job list
- Authentication

Admin

In this module Admin will add all the qualifications, skill, experience, city, state, country and update and delete information about the job provider or job seeker he can also search for the job seeker, and he can send mail to offer the job to job seeker and he can also see the jobs add by the job provider.

Job Seeker

In this module Job Seeker register himself/herself and upload his resume and fill the profile given by admin and after login he will search for the job on various conditions, and he can change his profiles and resume, and he can apply for the jobs based on various conditions. He can see the response of the company and he can call the company person for the interview.

Job provider

In this module Job Provider register himself and his company and after login he will add new job and he can search for the job seekers on various condition, and he can offer the job to job seeker according to the job profile and he can also see the response from the job seekers and send the mail.

Notification

In this module admin and job provider send the notification to the job seeker in the form of email.

Search

This module is use for the searching purpose like if any job seekers want to search for a job with their desired preference and location, they have to look for their keywords and search accordingly for the better result.

Authentication

This module contains all the information about the authenticated user. User without his username and password can't enter the login if he is only the authenticated user then he can enter to his login.

Chapter 4

ROLES OF INDIVIDUALS IN THE PROJECT

- Login Page, Register Page, Home page, Job list page, Employers page and some of the Database are developed by Atul Kumar (Member 1).

- Home page, Search page, Contact us page, Employees page and some the Database are developed by Abhinav Kumar (Member 2).

Chapter 5

OUTPUT SCREENS

5.1. SNAPSHOTS OF THE FRONT END (USER INTERFACE)

Here we are pasting all the snapshots of our website.

5.1.1. USER REGISTER PAGE

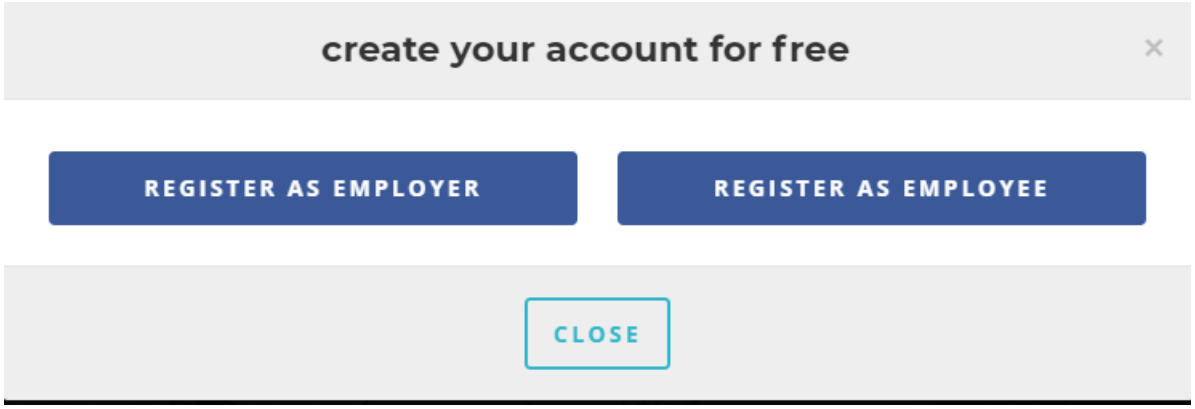


Fig 1

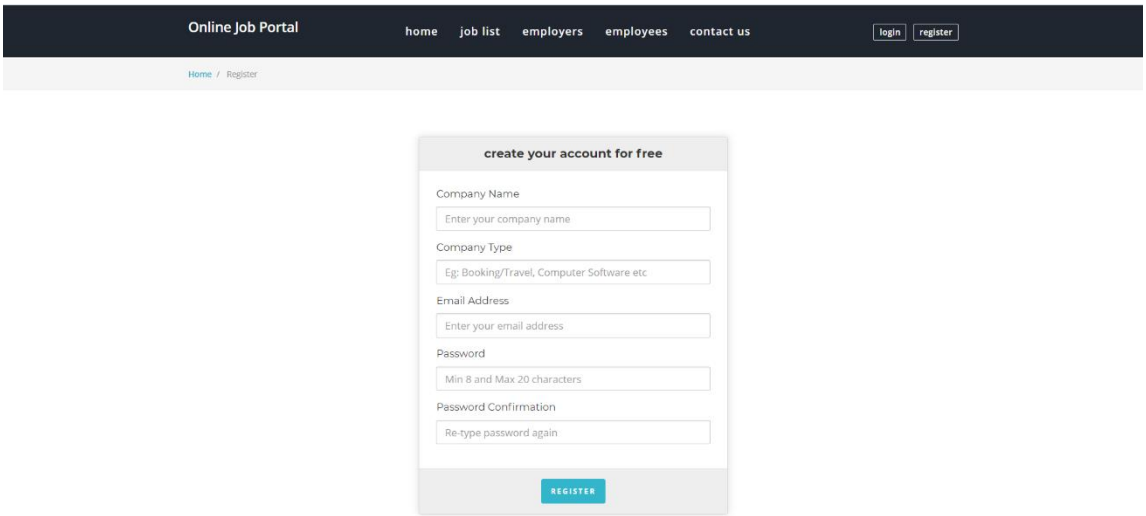


Fig 2

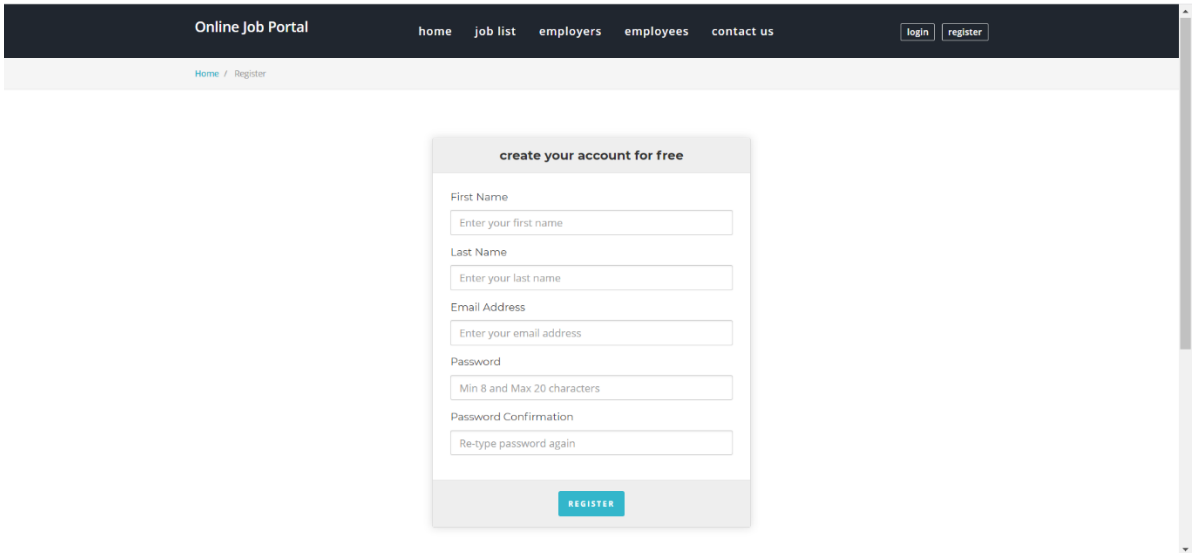


Fig 3

5.1.2. USER LOGIN PAGE

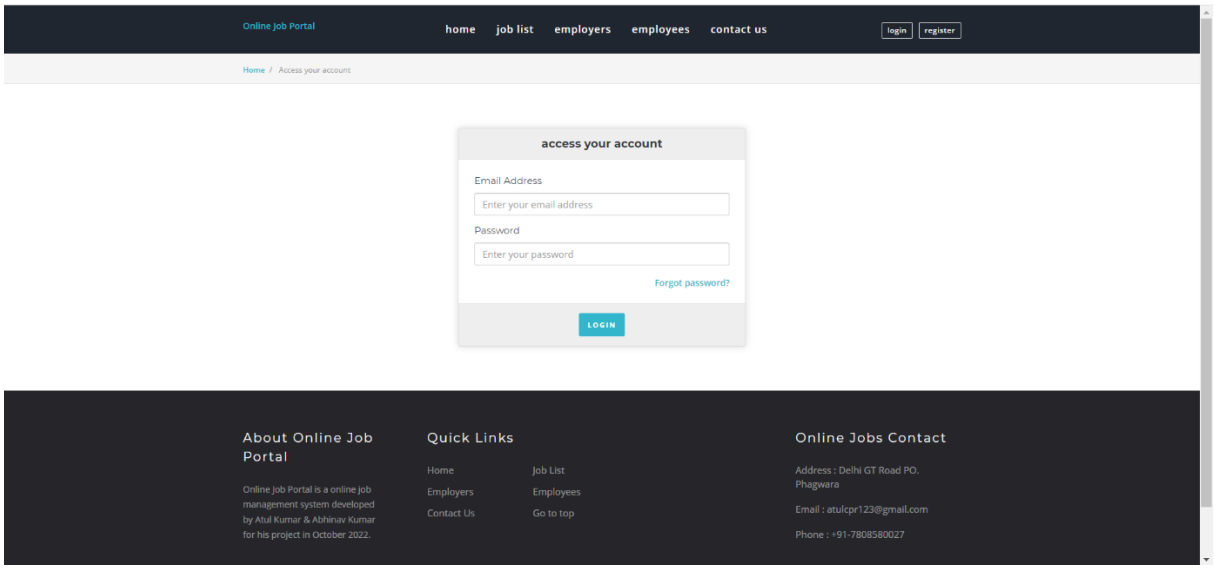


Fig 4

5.1.3. HOME PAGE

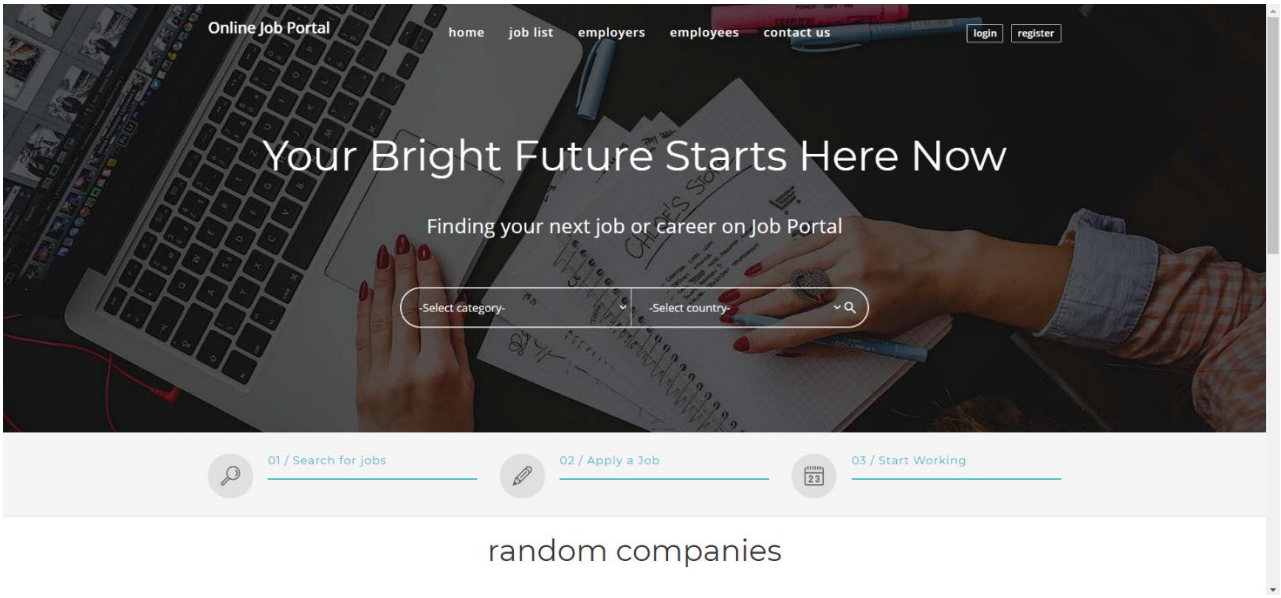


Fig 5

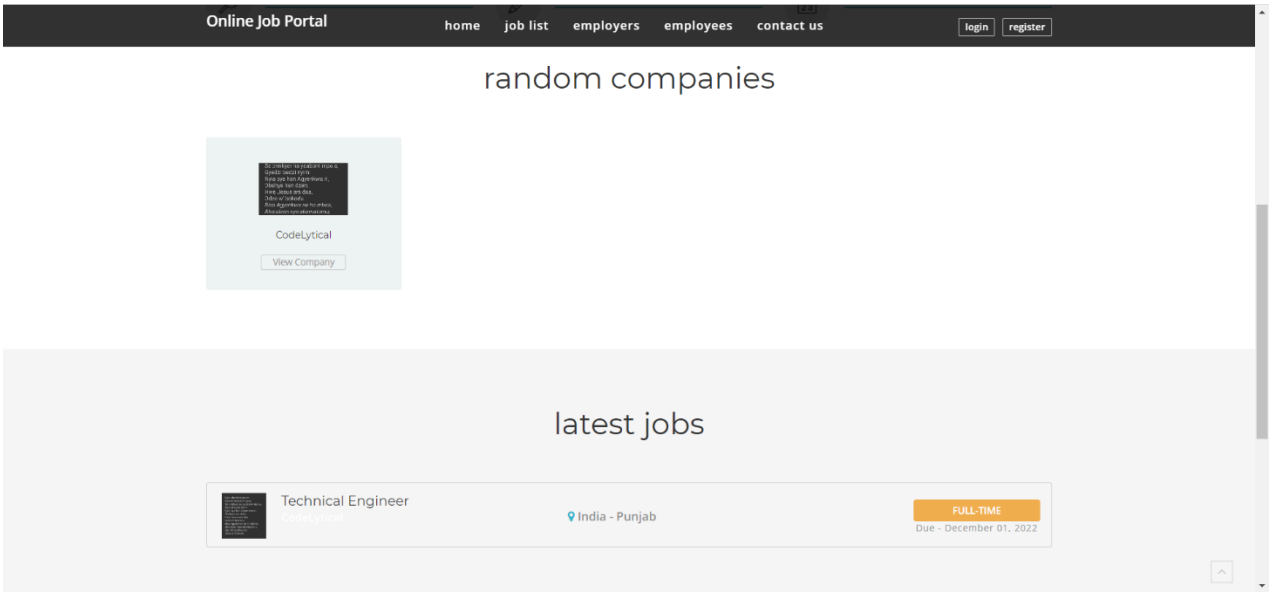


Fig 6

5.1.4. JOB LIST

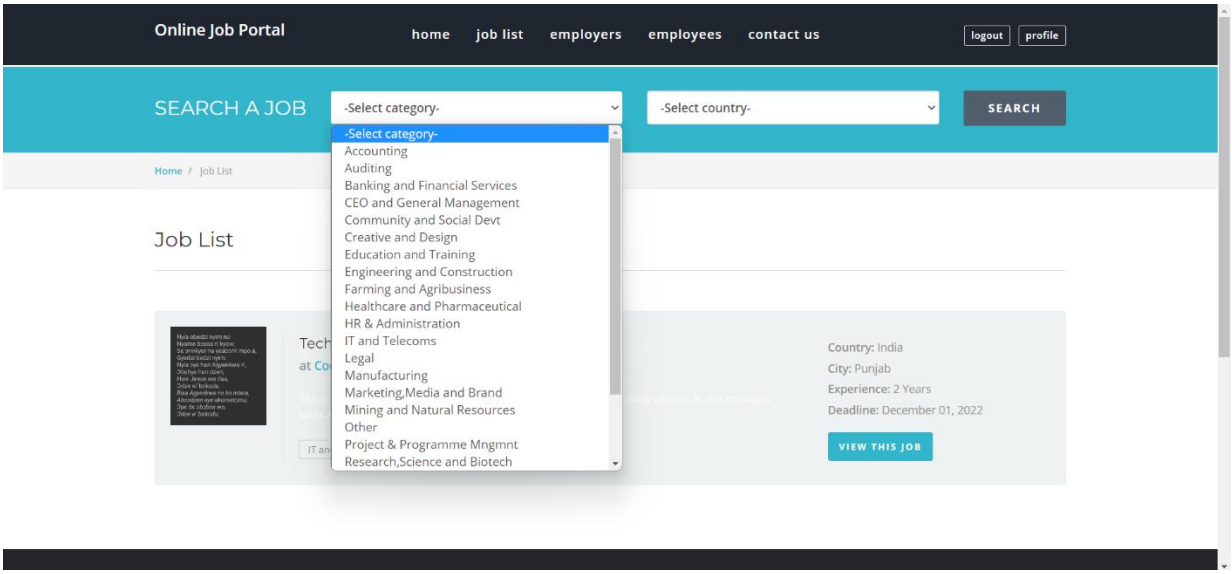


Fig 7

5.1.5. CONTACT US PAGE

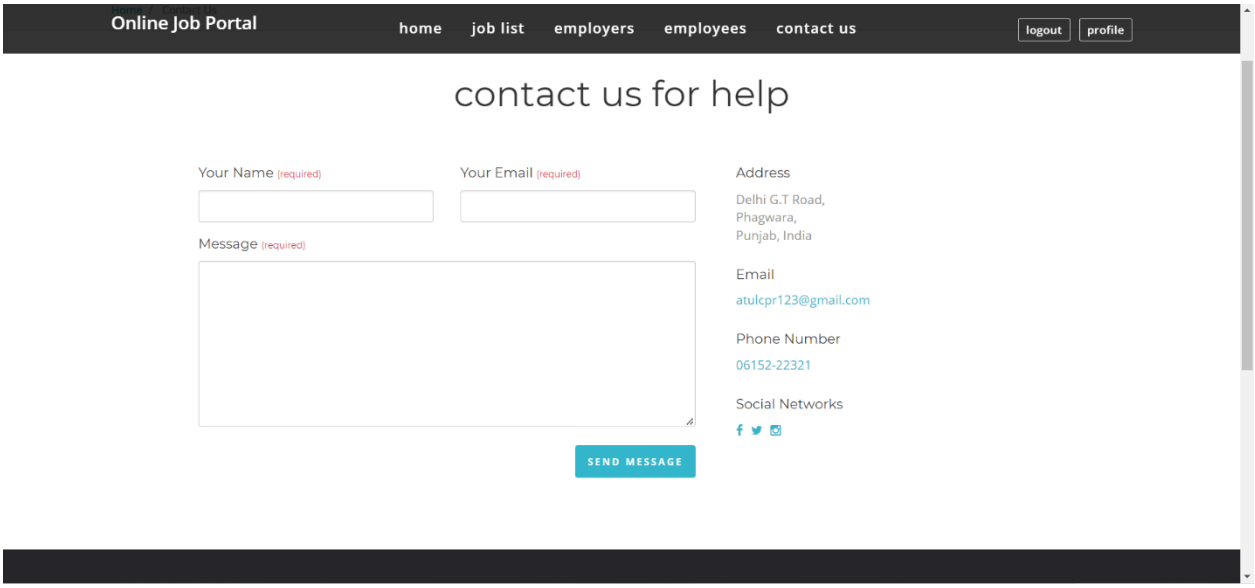


Fig 8

5.2. SNAPSHOTS OF THE BACK END (DATABASE & TABLES)

5.2.1. WHOLE DATABASE

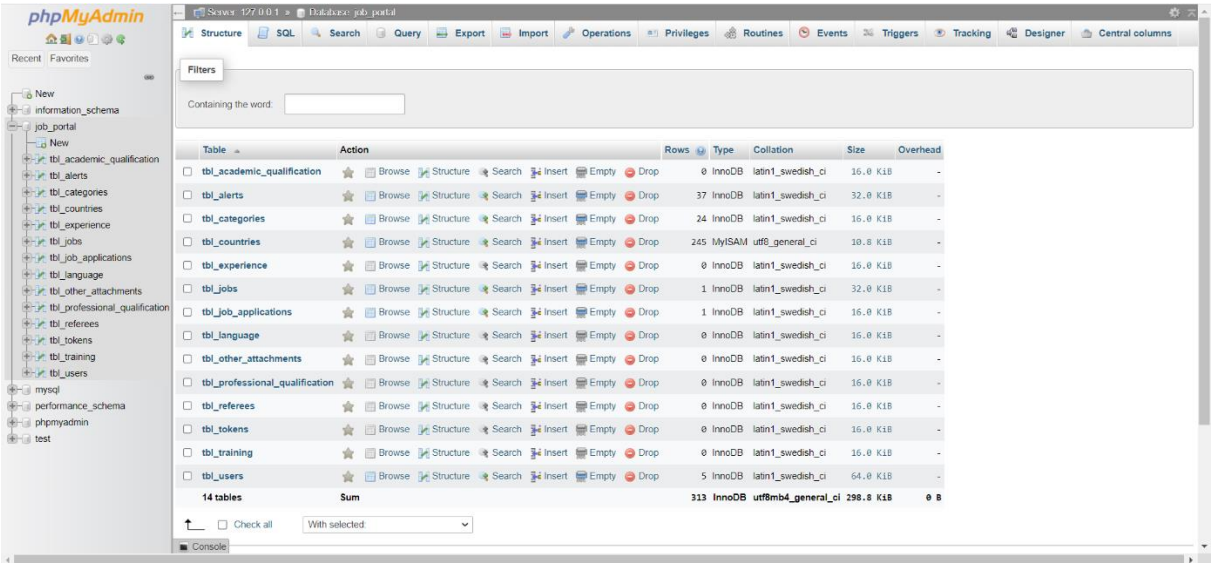


Fig 9

5.2.2. USER TABLE

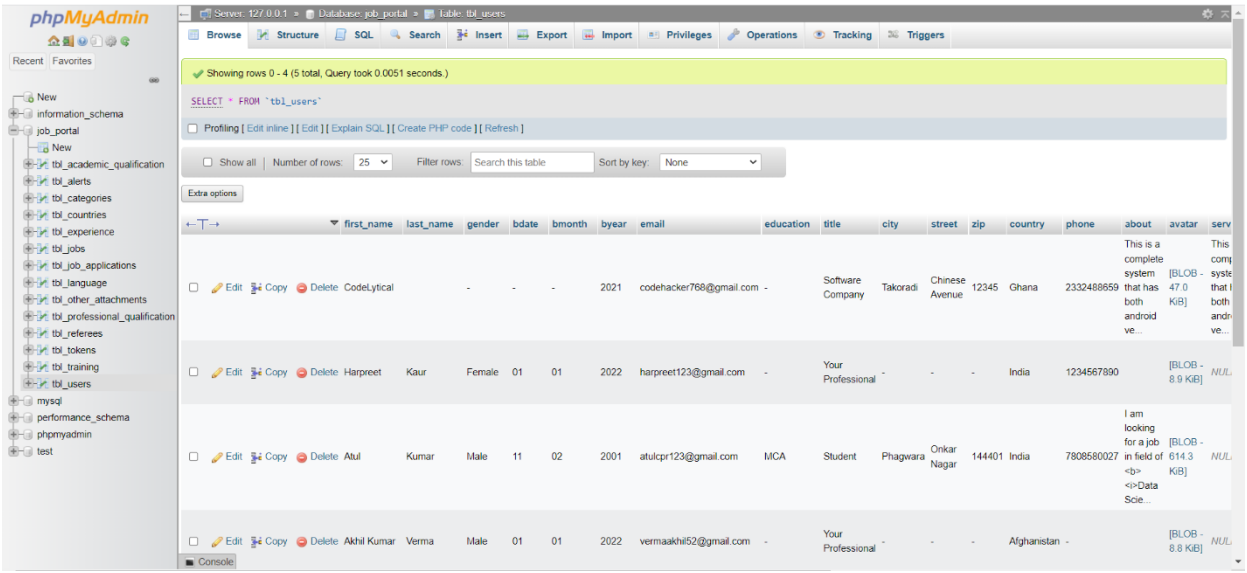


Fig 10

5.2.3. JOB TABLE

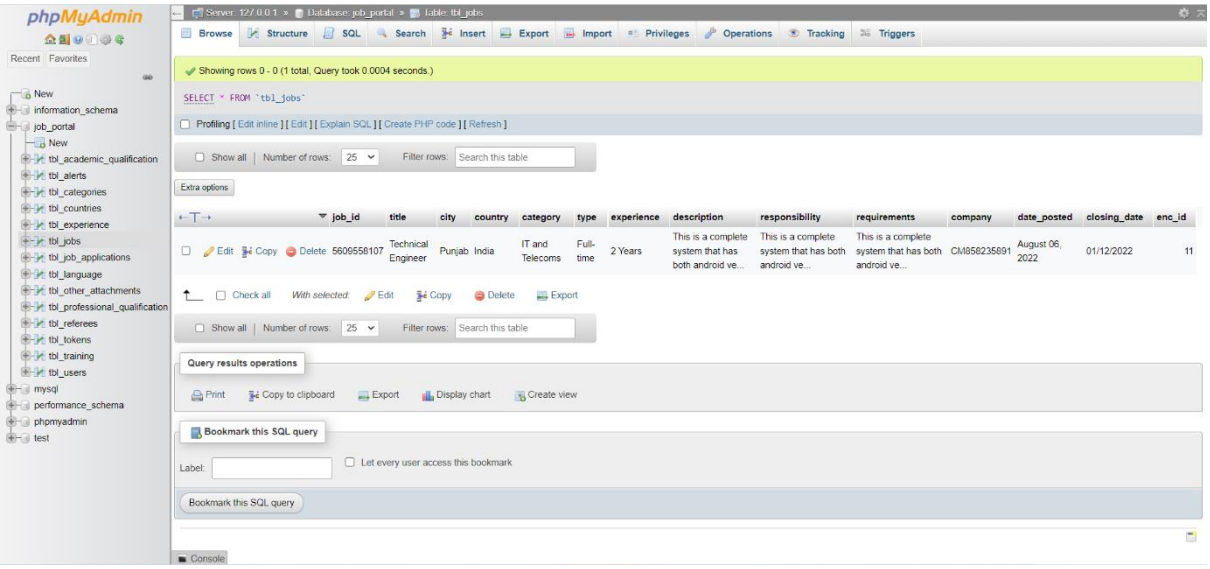


Fig 11

5.2.4. COUNTRY TABLE

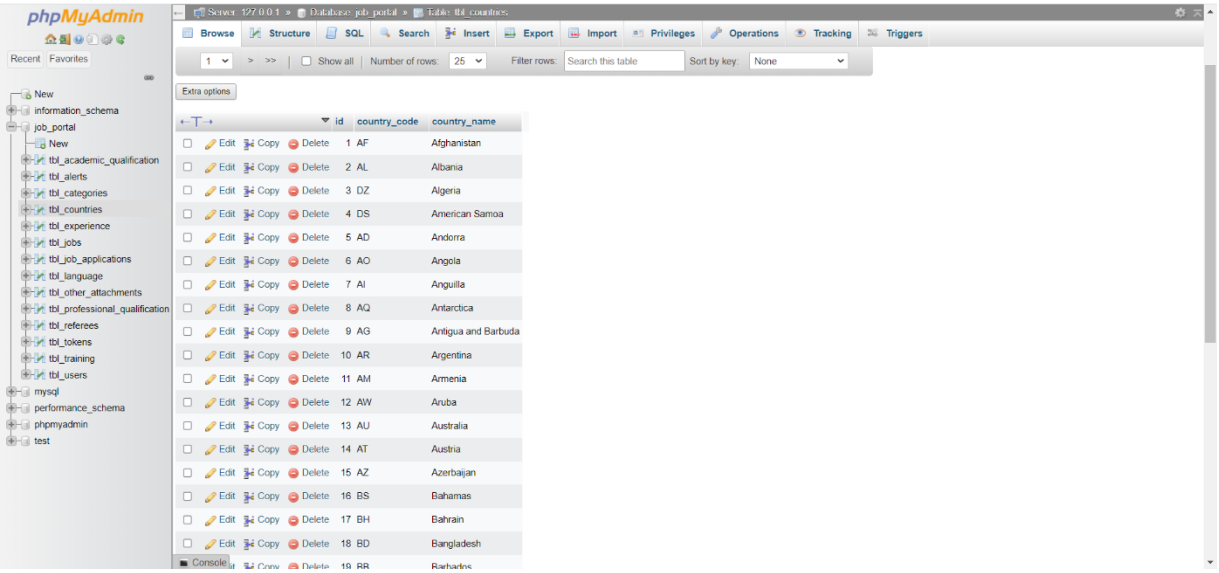


Fig 12

5.2.5. ALERTS TABLE

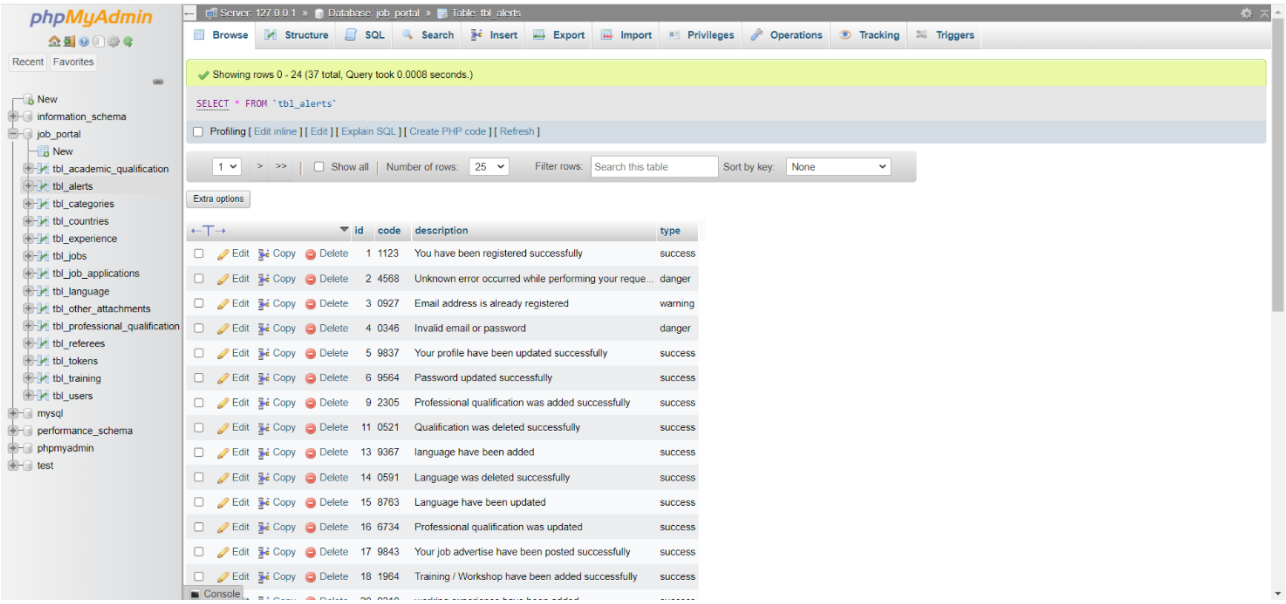


Fig 13

5.2.6. CATEGORIES TABLE

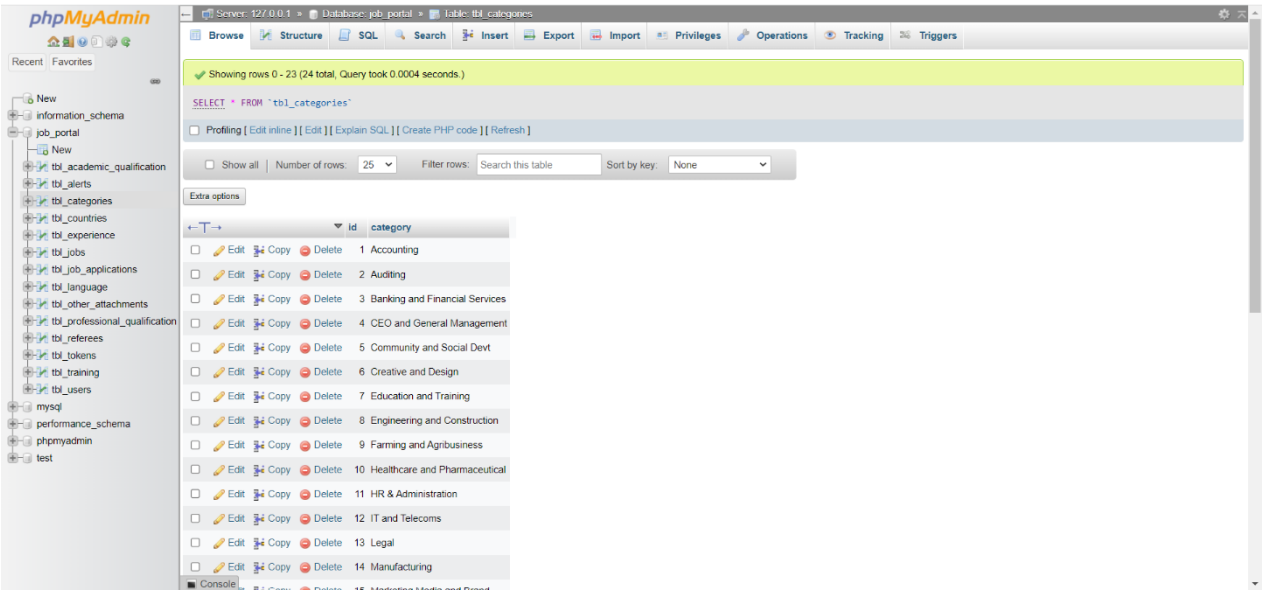
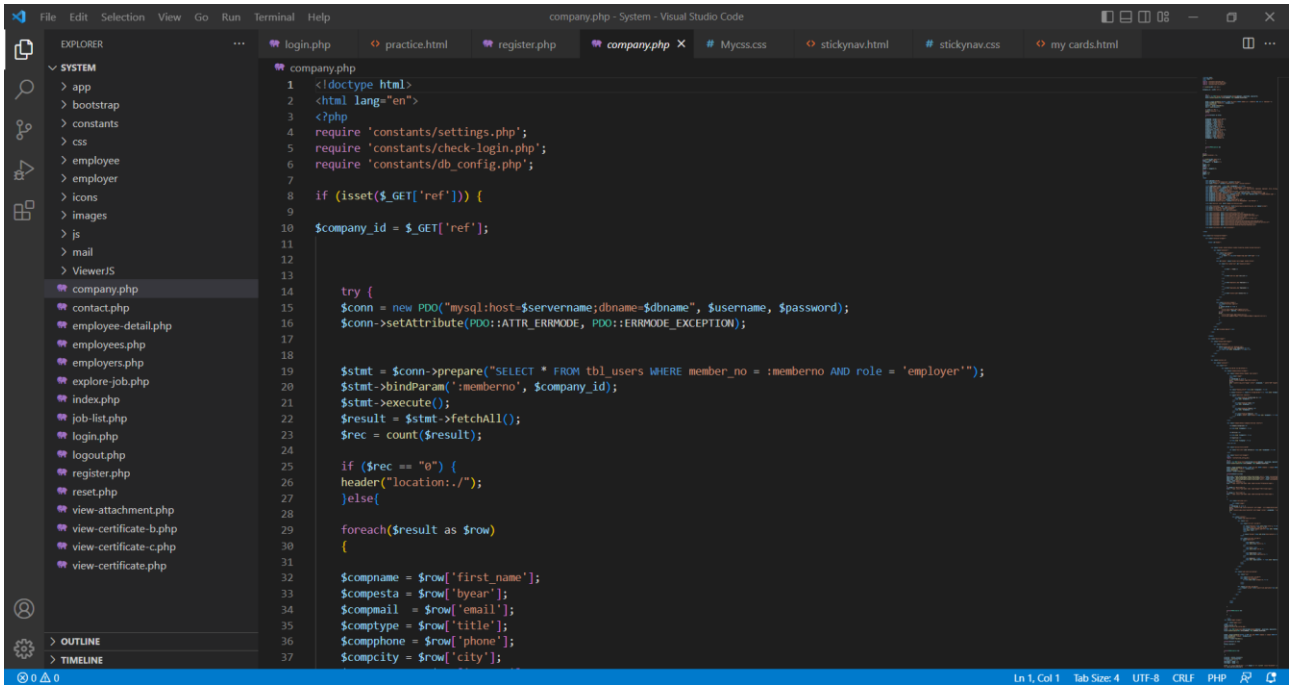


Fig 14

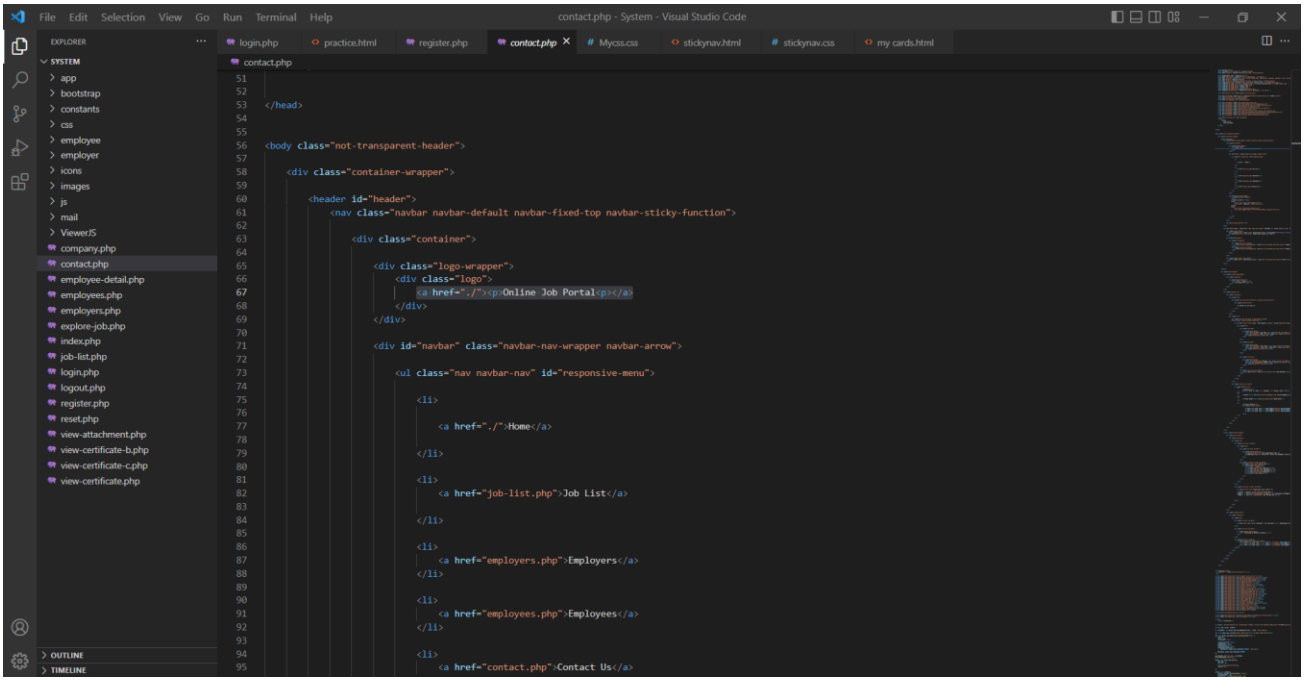
Chapter 6

CODE SNIPPETS



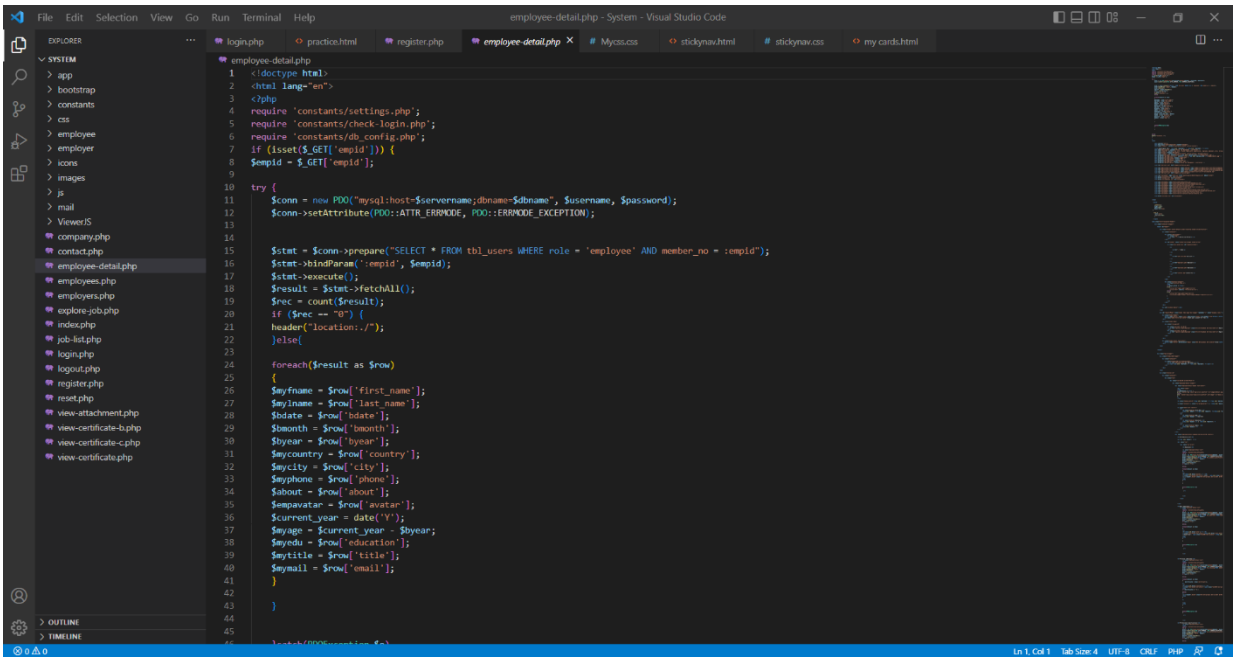
```php
<!doctype html>
<html lang="en">
<?php
require 'constants/settings.php';
require 'constants/check-login.php';
require 'constants/db_config.php';

if (isset($_GET['ref'])) {

$company_id = $_GET['ref'];



    try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);


    $stmt = $conn->prepare("SELECT * FROM tbl_users WHERE member_no = :memberno AND role = 'employer'");
    $stmt->bindParam(':memberno', $company_id);
    $stmt->execute();
    $result = $stmt->fetchAll();
    $rec = count($result);

    if ($rec == "0") {
    header("location:./");
    }else{

    foreach($result as $row)
    {

    $compname = $row['first_name'];
    $compesta = $row['byear'];
    $compmail  = $row['email'];
    $comptype = $row['title'];
    $compphone = $row['phone'];
    $compcity = $row['city'];
```

Fig 15



```php
</head>


<body class="not-transparent-header">

    <div class="container-wrapper">

        <header id="header">
            <nav class="navbar navbar-default navbar-fixed-top navbar-sticky-function">

                <div class="container">

                    <div class="logo-wrapper">
                        <div class="logo">
                            <a href="./"><p>Online Job Portal<p></a>
                        </div>
                    </div>

                    <div id="navbar" class="navbar-nav-wrapper navbar-arrow">

                        <ul class="nav navbar-nav" id="responsive-menu">

                            <li>

                                <a href="./">Home</a>

                            </li>

                            <li>
                                <a href="job-list.php">Job List</a>

                            </li>

                            <li>
                                <a href="employers.php">Employers</a>
                            </li>

                            <li>
                                <a href="employees.php">Employees</a>
                            </li>

                            <li>
                                <a href="contact.php">Contact Us</a>
```

Fig 16


File Edit Selection View Go Run Terminal Help
employee-detail.php - System - Visual Studio Code
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constants
css
employee
employer
icons
images
js
mail
ViewerJS
company.php
contact.php
employee-detail.php
employees.php
employers.php
explore-job.php
index.php
job-list.php
login.php
logout.php
register.php
reset.php
view-attachment.php
view-certificate-b.php
view-certificate-c.php
view-certificate.php
OUTLINE
TIMELINE
login.php
practice.html
register.php
employee-detail.php
Mycss.css
stickynav.html
stickynav.css
my cards.html
employee-detail.php
<!doctype html>
<html lang="en">
<?php
require 'constants/settings.php';
require 'constants/check-login.php';
require 'constants/db_config.php';
if (isset($_GET['empid'])) {
$empid = $_GET['empid'];
try {
$conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
$stmt = $conn->prepare("SELECT * FROM tbl_users WHERE role = 'employee' AND member_no = :empid");
$stmt->bindParam(':empid', $empid);
$stmt->execute();
$result = $stmt->fetchAll();
$rec = count($result);
if ($rec == "0") {
header("location:./");
}else{
foreach($result as $row)
{
$myfname = $row['first_name'];
$mylname = $row['last_name'];
$bdate = $row['bdate'];
$bmonth = $row['bmonth'];
$byear = $row['byear'];
$mycountry = $row['country'];
$mycity = $row['city'];
$myphone = $row['phone'];
$about = $row['about'];
$empavatar = $row['avatar'];
$current_year = date('Y');
$myage = $current_year - $byear;
$myedu = $row['education'];
$mytitle = $row['title'];
$mymail = $row['email'];
}
}
Ln 1, Col 1 Tab Size: 4 UTF-8 CRLF PHP

Fig 17

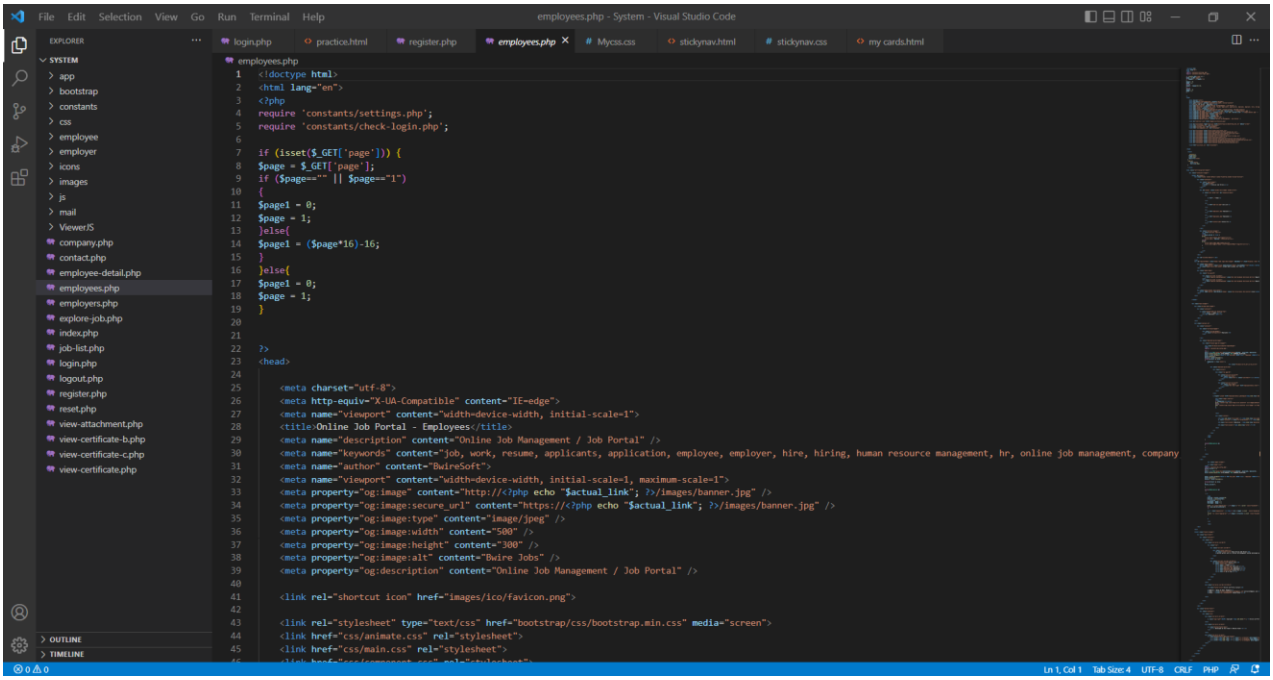
File Edit Selection View Go Run Terminal Help
employees.php - System - Visual Studio Code
EXPLORER
SYSTEM
app
bootstrap
constants
css
employee
employer
icons
images
js
mail
ViewerJS
company.php
contact.php
employee-detail.php
employees.php
employers.php
explore-job.php
index.php
job-list.php
login.php
logout.php
register.php
reset.php
view-attachment.php
view-certificate-b.php
view-certificate-c.php
view-certificate.php
OUTLINE
TIMELINE
login.php
practice.html
register.php
employees.php
Mycss.css
stickynav.html
stickynav.css
my cards.html
employees.php
<!doctype html>
<html lang="en">
<?php
require 'constants/settings.php';
require 'constants/check-login.php';
if (isset($_GET['page'])) {
$page = $_GET['page'];
if ($page=="" || $page=="1")
{
$page1 = 0;
$page = 1;
}else{
$page1 = ($page*16)-16;
}
}else{
$page1 = 0;
$page = 1;
}
?>
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Online Job Portal - Employees</title>
<meta name="description" content="Online Job Management / Job Portal" />
<meta name="keywords" content="job, work, resume, applicants, application, employee, employer, hire, hiring, human resource management, hr, online job management, company
<meta name="author" content="BwireSoft">
<meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">
<meta property="og:image" content="http://<?php echo "$actual_link"; ?>/images/banner.jpg" />
<meta property="og:image:secure_url" content="https://<?php echo "$actual_link"; ?>/images/banner.jpg" />
<meta property="og:image:type" content="image/jpeg" />
<meta property="og:image:width" content="500" />
<meta property="og:image:height" content="300" />
<meta property="og:image:alt" content="Bwire Jobs" />
<meta property="og:description" content="Online Job Management / Job Portal" />
<link rel="shortcut icon" href="images/ico/favicon.png">
<link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.min.css" media="screen">
<link href="css/animate.css" rel="stylesheet">
<link href="css/main.css" rel="stylesheet">
Ln 1, Col 1 Tab Size: 4 UTF-8 CRLF PHP

Fig 18

Chapter 7

CONCLUSION

It has been a great pleasure for us to work on this exciting and challenging project. This project proved good for us as it provided practical knowledge of not only programming in HTML, CSS and PHP web-based application and not some extent Windows Application and SQL Server, but also about all handling procedure related with **"ONLINE JOB PORTAL".** It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The project are as follows: -

- It's a web-enabled project.
- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.
- The user is mainly more concerned about the validity of the data, whatever heis entering. There are checks on every stage of any new creation, data entryor updating so that the user cannot enter the invalid data, which can create problems at later date.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can say that the project is user friendly which is one of the primary concerns of any good project.

- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time than manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- Training for simple computer operations is necessary for the users working on the system.

Chapter 8

BIBLIOGRAPHY OR REFERENCES

Web Sites

- https://www.naukri.com
- https://www.javatpoint.com/php-programs
- https://www.w3schools.com/php/
- http://www.jobstreet.com.ph
- http://www.phil–job.net

Books

- **Learning PHP, MySQL & JavaScript 5e: With jQuery, CSS & HTML5 (Learning PHP, MYSQL, Javascript, CSS & HTML5) by Robin Nixon**

- **Web Technologies: HTML, JAVASCRIPT, PHP, JAVA, JSP, ASP.NET, XML and Ajax, Black Book: HTML, Javascript, PHP, Java, Jsp, XML and Ajax, Black Book by Kogentm Learning Solutions**