Back-end Dashboard for Job Portal Hierarchy

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Abstract

The purpose of Online Job Portal is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with Online Job Portal, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data / information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

Objective

The main objective of the Project on Online Job Portal is to manage the details of Job, Vacancy. Resume, Jobsekeer, Interview. It manages all the information about Job, Call Later, Interview, Job. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Job, Vacancy. Call Later, Resume. It tracks all the details about the Resume, Jobsekeer, Interview.

Introduction

The "Online Job Portal" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly Online Job Portal as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Vacancy, Job, Jobseeker, Call Later, Interview. Every Online Job Portal has different Job needs; therefore we design exclusive employee management systems that are adapted to your manageable requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

Methodology

HTML

HTML (the Hypertext Markup Language) is the most basic and common technology for building web applications. HTML as a structured language, has rules for where element can and cannot go. These rules are present to enforce an overall logical structure upon the document. HTML is a markup language with set of markup tags, which describe different document content [7]. HTML tags are keywords which are in angle brackets, for example "head" tag is use to create web page header section. Figure 4 shows the basic structure of a HTML page.

CSS

CSS (Cascading Style Sheet) is a style sheet language use for styling HTML elements on a web page. It defines the presentation of HTML elements, how they appear on web page, including designs, layouts, fonts and tailor pages on different environment [7]. Figure 5 explains the syntax of a CSS file with the properties of HTML tags.

JAVASCRIPT

JavaScript is a cross-platform, object-oriented scripting language, used to develop web pages more user friendly. It is a small and lightweight language. Inside a web browser, JavaScript can be connected to objects to provide programmatic control over them [13]. Java Script contains a standard library of objects, such as Array, Data and Math, and a core set of language elements such as operators, control structures, and statements. Core JavaScript can be extended for a variety of purposes such as Client-side JavaScript and Server-side Java script. It is very useful from the security point of view, because it does not allow entering any web application without authentication. Figure 7 shows the JavaScript code in an HTML file.

PHP

PHP (PHP, Hypertext Pre-processor) is a scripting language originated in 1995 by a software development contractor named Rasmus Lerdorf. It has developed as one of the best larger scripting languages around the globe [9]. PHP is a server-side scripting language that was introduced for developing dynamic web applications. PHP code is embedded into HTML source file with PHP tags and interpreted by web server [10]. Its syntax is a mixture of C, Java and Perl languages. PHP became very famous among developers because of its easy connectivity to MySQL databases that leads to creating dynamic web sites. PHP can be used from command line interface or in standalone graphical applications. It can be deployed on any server and any operating system easily. Figure 6 shows the syntax of PHP code in an HTML file. PHP starting and ending tags makes it available anywhere in the page to use it as scripting language.

Advantages:

- Platform Independent
- Open source and dynamic Library support
- Organized
- Database Connectivity
- Easy to understand and code
- Gives Web Developer More Control
- Easy integration and consistency
- Maintenance
- Stability
- Performance
- Reliability
- Scalability
- Compatibility

MY SQL

MySQL is an open source Relational Database Management System (RDBMS) that uses Structured Query Language (SQL) [20]. The main features of using MySQL are that it is very user friendly, easy to use, quickly processing and flexible. Because it is a relational database, it stores data in different tables making it possible to use same data flexibly in different ways [21]. MySQL server controls the access to project data and makes sure that multiple users can work parallel with the same data with fast and easy access. It also restricts to the authorized users who can have access to the data. Many large and medium scale companies are using MySQL to save money and time keeping their high volume, critical business systems. MySQL is easy to use and of a high reliability. It is very light weight and can run on over 20 different operating systems [22]. MySQL database contains tables, where each table contains rows, with each row containing columns where data is stored.

Advantages of MySQL:

- Fast and high Performance database.
- Easy to use, maintain and administer.
- Easily available and maintain integrity of database.
- Provides scalability, usability and reliability.
- Low cost hardware.
- MySQL can read simple and complex queries and write operations.
- InnoDB is default and widely used storage engine.
- Provides strong indexing support.
- Provides SSL support for secured connections.
- Provides powerful data encryption and accuracy.
- Provides Cross-platform compatibility.
- Provides minimized code repetition.

FRAMEWORK

In the world of software development, framework is a set of prewritten code and libraries that provides common functionality to develop an application. It is a collection of resources and tools for developing and manages web applications, web services and websites [23]. A framework includes template capabilities for presenting information within a browser, programming environment for scripting the flow of information and application programming interface (API) for accessing underlying data resources. A web framework also provides the foundations and system-level service for software developers to build content management system (CMS) for managing digital information on the web.

TOOLS FOR THE DEVELOPMENT

Our website is based on the following tools and programming languages.

Back-end Tools

PHP, MYSQL

Front-end Tools and Technologies HTML

CSS

JavaScript 1.8.5

EXISTING SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, identifying problems and using the information to recommend improvements on the system. System analysis is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is viewed as a whole, the inputs are identified, and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

EXISTING SYSTEM

The current system that all information regarding registration First name, Middle name, Last name, e-mail, phone number etc. details filled by user and then are stored in the record. Separate Databases were kept at separate sites Usage of database for storing each and every record was very high.

Maintenance of record takes very much time. Because everything was manual so maintenance was difficult The study material is all of the java programming books available in the website All the details were not available. Chat and Query To maintain an admin to chat and query section about users. The details are filled in database in the user records. The help section provides all helps related to this website.

DRAWBACKS OF EXISTING SYSTEM

Communication involved a lots of database work. The system was not a computer based application as a result communication among the 5 functions involved a lot of database work .i.e. in case the user forgot the user id while filing the complaint then there is no response suddenly in the website about on admin in the help desk. Being completely manual, there is always a possibility of manual mistakes in proceeding with the system. Large amount of data was stored but it will hanged system. There was no web server

available in website in domain name of the website are not available to show only a local host

Inaccurate Data

The more writing work is involved in maintaining the record of users and different jobseekers. Therefore, there are more chances of man-oriented errors and mistakes which results in an accurate and unreliable source of information.

Inflexible Data

Data stored in the current system in such a way that it is not very useful form and thus cannot be used in many different fields.

Difficult to Modify

Data stored in registers is difficult to modify, which need a new system form modifications.

Redundancy of Data

While analyzing the current system it has been found that the current system has an excessive amount of data redundancy with respect to designs or we can say that there is no process of saving data about records. So these records are maintained at several places and it causes redundancy of data that are stored at more than one place not only wastes the man hours but also the honors.

Time Consuming

By using the existing system, the admin has to maintained and modify all the activities takes place in the Jobs on daily basis which is a time consuming work.

PROPOSED SYSTEM

In the proposed system is very useful for the client side of JOB PORTAL. This avoids the over heads of maintaining data manually. This can minimize the working stress and can keep essential documents related to registration and complaints as a softcopy. The registration form details like Name, email, phone number, gender, date of birth, user id and password can be easily managed. The whole data is saved in a database which is a secure way to keep the record

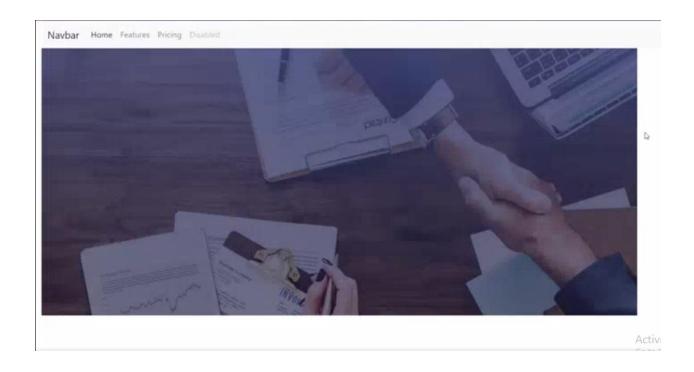
Benefits of Proposed System

User Friendly Interface

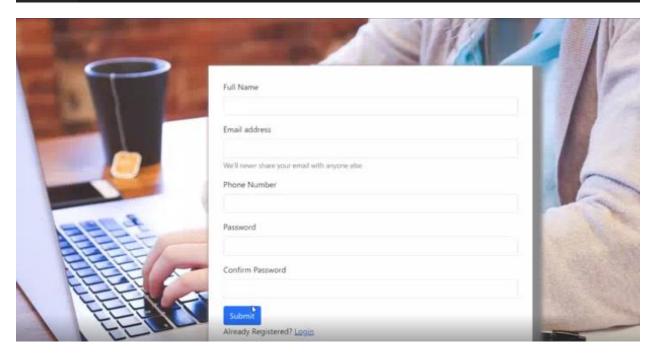
Friendly User Interface eases to use for users.

CODE

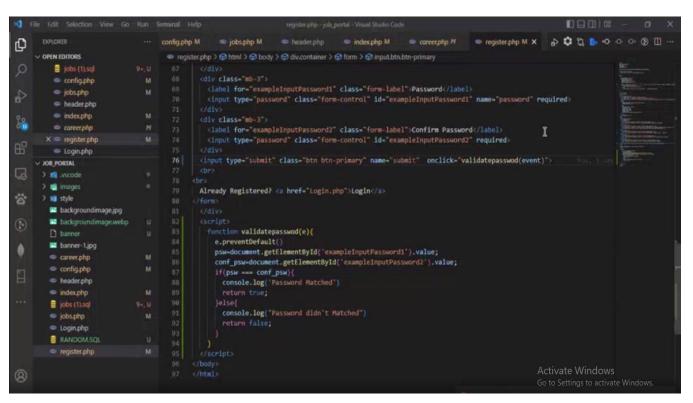
1>Code for Content Page:

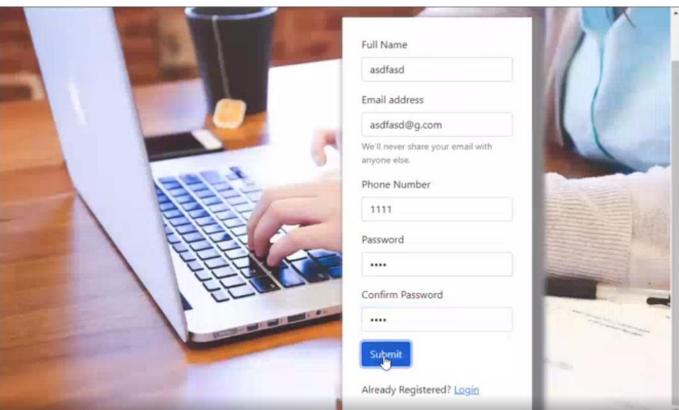


2> Code for Frontend:



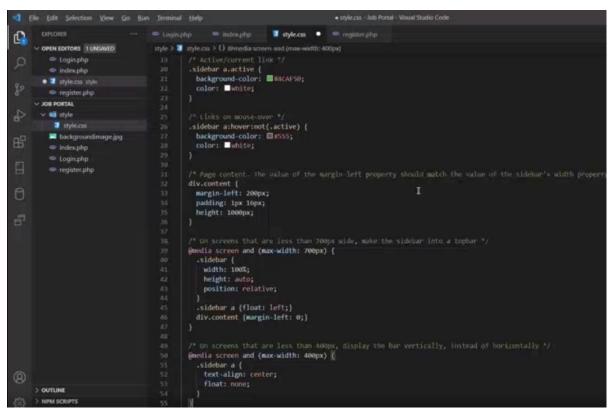
3> Code for Sign up page:

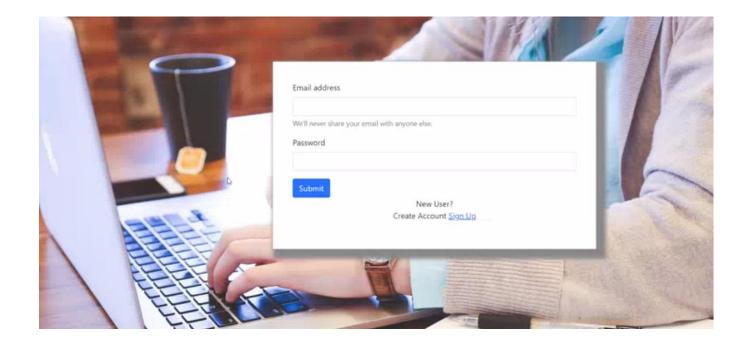




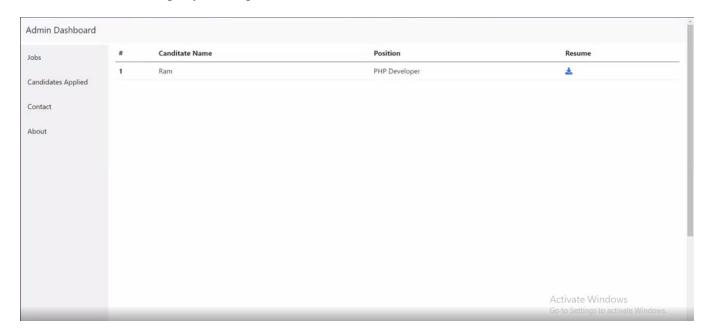
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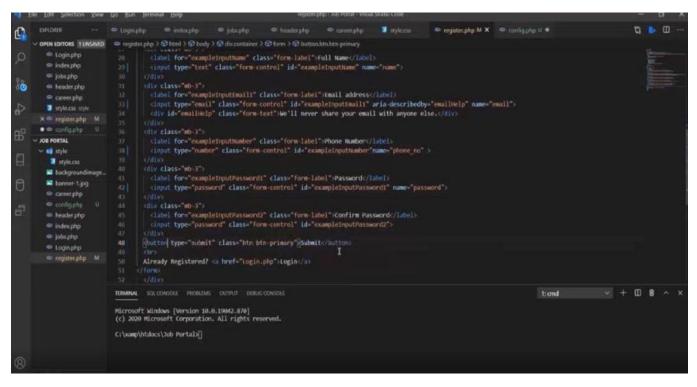
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banner-1.jpg
areer.php
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                    [Thu Apr 15 03:08:44 2021] [200] /index.php
[Thu Apr 15 06:38:44 2021] [::1]:2138 [200]: /index.php
                    [Thu Apr 15 03:11:01 2021] [200] /index.php
[Thu Apr 15 06:41:01 2021] [::1]:2170 [200]: /index.php
                    [Thu Apr 15 03:15:42 2021] [200] /index.php
[Thu Apr 15 06:45:42 2021] [::1]:2214 [200]: /index.php
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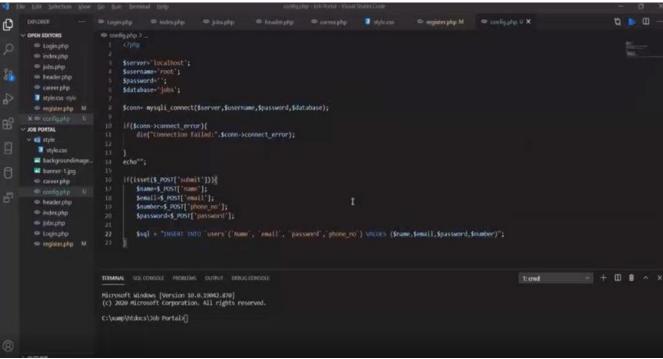


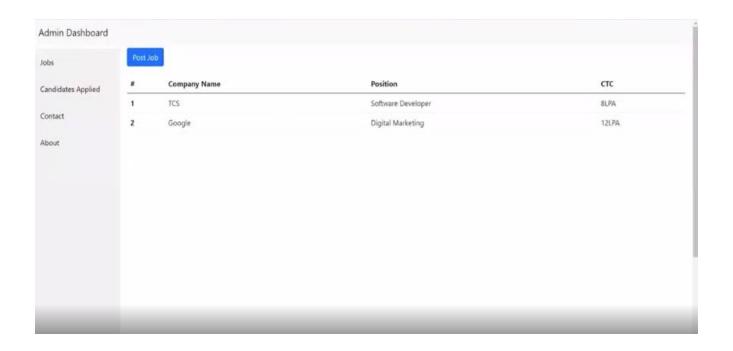


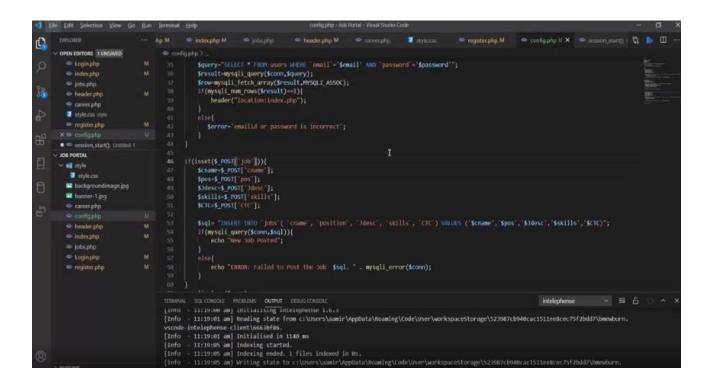
4> Code for Database query for Login & Post Job from Admin Panel:

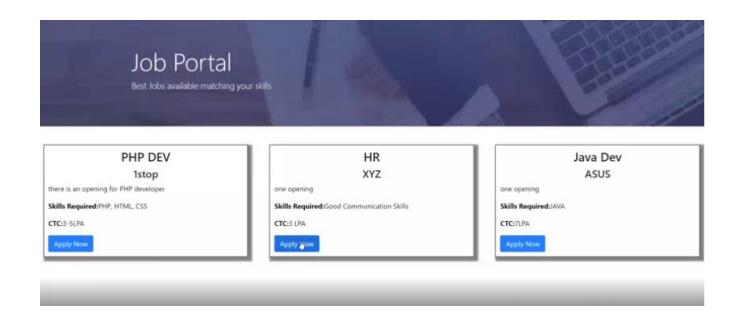




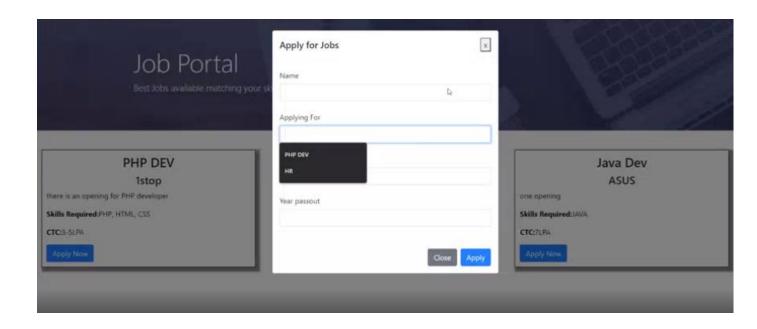


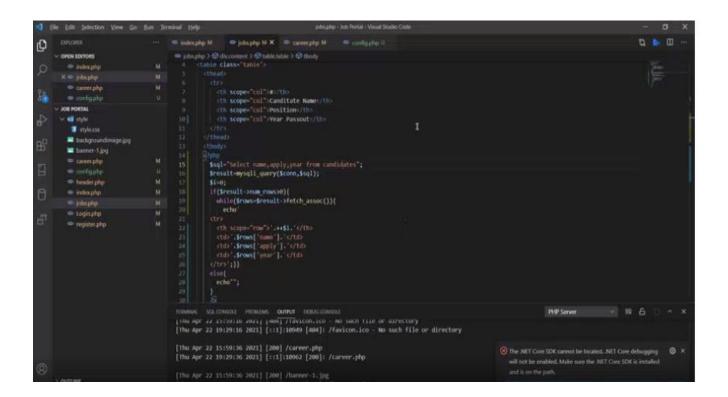


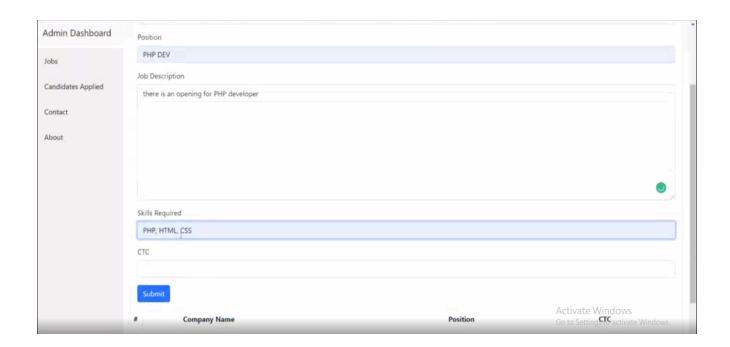


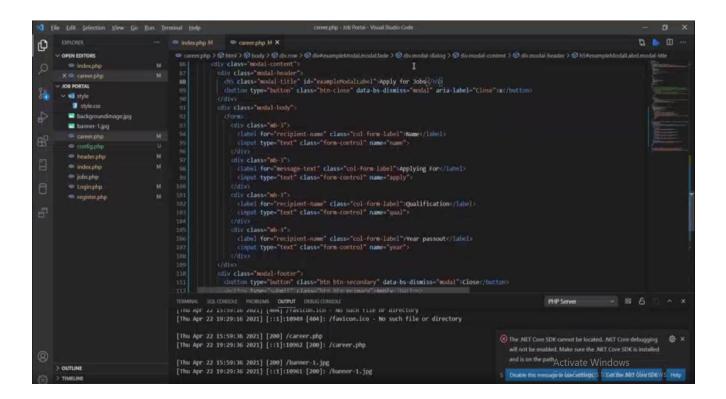


5> Code for Career Page:





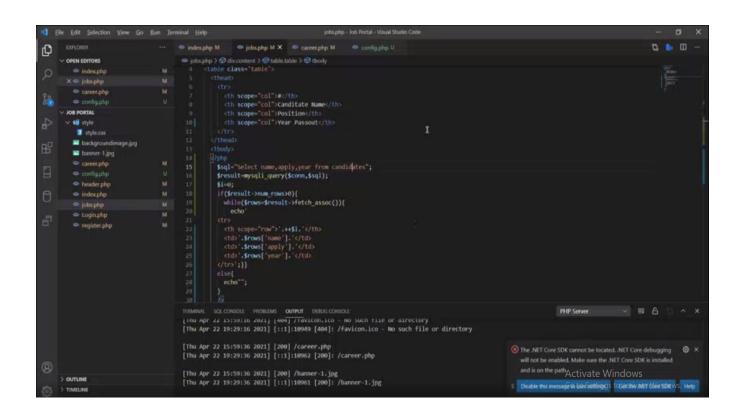


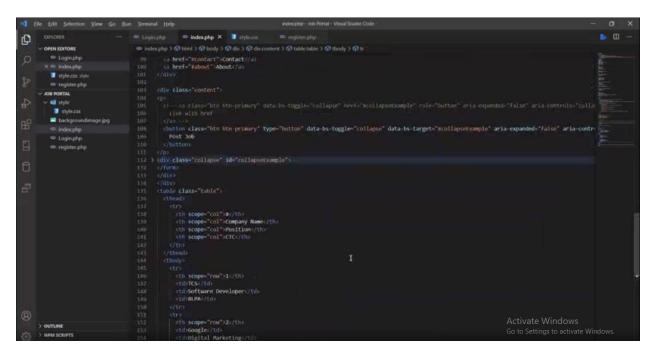


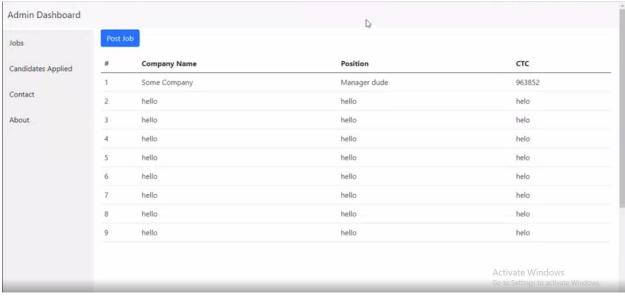
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    $pos=$_POST['pos'];
    $Jdesc-$_POST['mdesc'];
    $skills=$_POST['skills'];
    $ctc-$_POST['ctc'];
               style.css
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               banner-1.jpg

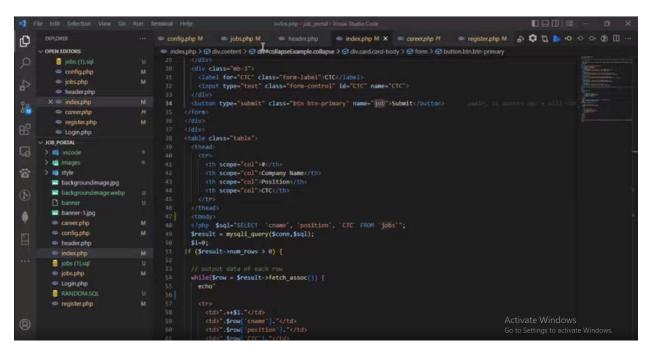
    header.php

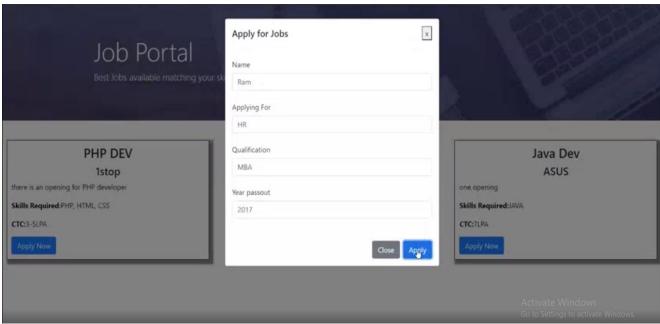
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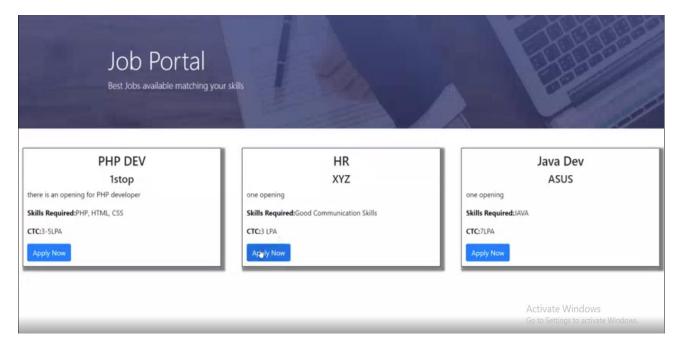








Admin Dashboard				
lobs	Post Job			
Candidates Applied	#	Company Name	Position	стс
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	2	XYZ	HR	3 LPA
bout	3	ASUS	Java Dev	7LPA
		4		
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Conclusion

This project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.