A Project Review-2 Report

Submitted in partial fulfillment of the
requirement for the award of the degree of

Bachelor of Technology

Computer Science & Engineering

GALGOTIAS UNIVERSITY

(Established under Galgotias University Uttar Pradesh Act No. 14 of 2011)

Under The Supervision of
Dr. Ajeet Singh

Submitted By

Sumit Prasad (21scse1010344)

Raunak Ali Saifi (21SCSE1010381)

Bhanu Ahlawat(21scse1010083)

Syed Anas(21scse1010013)

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
GALGOTIAS UNIVERSITY, GREATER NOIDA

CERTIFICATE

This is to certify that the work incorporated in the project report entitled Sportify Clone' is a record of work carried out by BT2003 Under my guidance and supervision for the award of Degree of Bachelor of Technology (Computer Science and Engineering) in the School of Computing Science and Engineering, Galgotias University, Greater Noida, UP, India.

Signature

ACKNOWLEDGEMENT

I would like to express my profound gratitude to Mr./Mrs.____ (name of the HOD), of ____ (designation and department name) department, and Mr./Mrs. _____ (Dean) of SCSE university for their contributions to the completion of my project titled Spotify Clone music Player.

I would like to express my special thanks to our mentor Mr./Mrs. Dr Nitin Sharma for his time and efforts he/she provided throughout the year. Your useful advice and suggestions were really helpful to me during the project's completion. In this aspect, I am eternally grateful to you.

I would like to acknowledge that this project was completed entirely by members of BT2003.

Signature

Your name

Table of Contents

Abstract

The goal of this project is to design a web portfolio for a graduating design student and to report on the process. The project is based on the existing personal visual identity of the student. This project is created as an instruction for the reader describing the process of personal online portfolio design simply by defining and explaining the main terms and methods used for web design and development.

This report work consists of six parts, depending on how the design process proceeded. These parts include research, project management, content development, information gathering, design and an overview of the development process and techniques and creating and connecting website with the database server.

The objective of this work is to create guidelines for newcomers in the design industry. By using these guidelines students and amateur designers can create their own design portfolio which will be well balanced, clean and in trend with the times.

LIST OF TABLES

1.Table for student

1.PROJECT PLAN

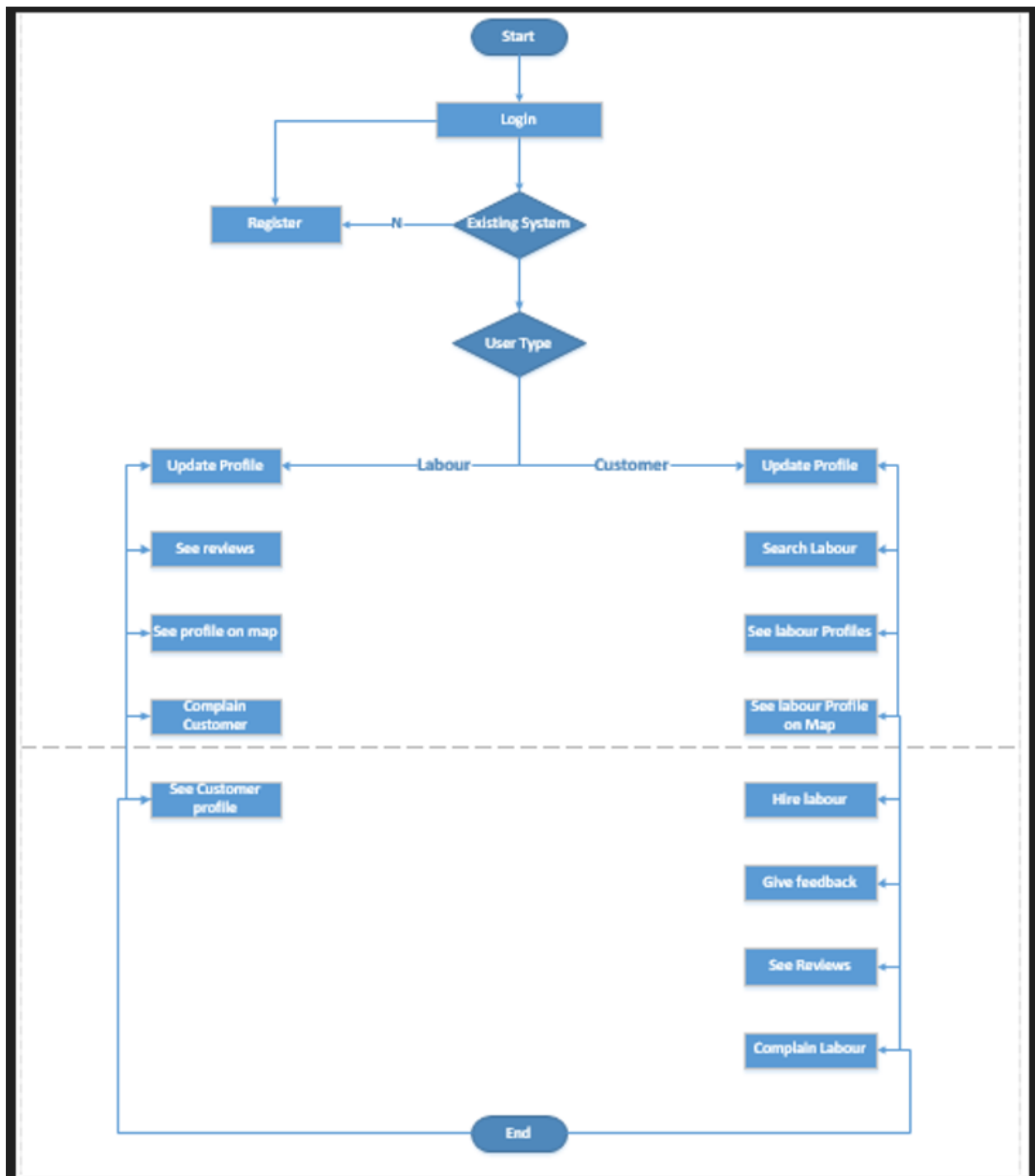| TASK	Month
Survey and gathering of knowledge for the project	September-2022
Designing the Framework of the project	Mid September-2022
Gathering resource and creating basic Webpage	October-2022
Learning to use and connect website to database	December-2022

2 .FRAMEWORK DESIGNING

FRAMEWORK NAME	TASK	PERSON ASSIGNED
HTML	HTML for webpage	Bhanu Ahlawat
Font & Colour Designing	To decide fonts & colours and overall design	Raunak Ali Saifi
Information & photographs	To gather information to be presented	Syed Anas
Creating relational database	To create a relational Database	Sumit Prasad
Getting website ready and working	To make website fully functional and operational	Sumit Prasad

LIST OF FIGURES

<u>UML – DIAGRAM</u>

Start

Login

Existing System

N → Register

User Type

Labour

Customer

Update Profile

See reviews

See profile on map

Complain Customer

See Customer profile

Update Profile

Search Labour

See labour Profiles

See labour Profile on Map

Hire labour

Give feedback

See Reviews

Complain Labour

End

DATA FLOW DIAGRAM

```
                            ┌──────────┐
                            │   Home   │
                            └──────────┘
     ┌──────────┬──────────────┼──────────────┬──────────────┐
┌──────────┐ ┌──────────┐  ┌──────────┐   ┌──────────┐
│ About me │ │ Contact  │  │ Portfolio│   │  Links   │
│          │ │    me    │  │          │   │          │
└──────────┘ └──────────┘  └──────────┘   └──────────┘
┌──────────┐ ┌──────────┐  ┌──────────┐   ┌──────────┐
│  Image   │ │   Form   │  │ Drawings │   │University│
└──────────┘ └──────────┘  └──────────┘   └──────────┘
┌──────────┐ ┌──────────┐  ┌──────────┐   ┌──────────┐
│ Profile  │ │  Email   │  │ Paintings│   │ Company  │
└──────────┘ └──────────┘  └──────────┘   └──────────┘
             ┌──────────┐  ┌──────────┐   ┌──────────┐
             │  Postal  │  │  Photos  │   │ Related  │
             └──────────┘  └──────────┘   └──────────┘
```
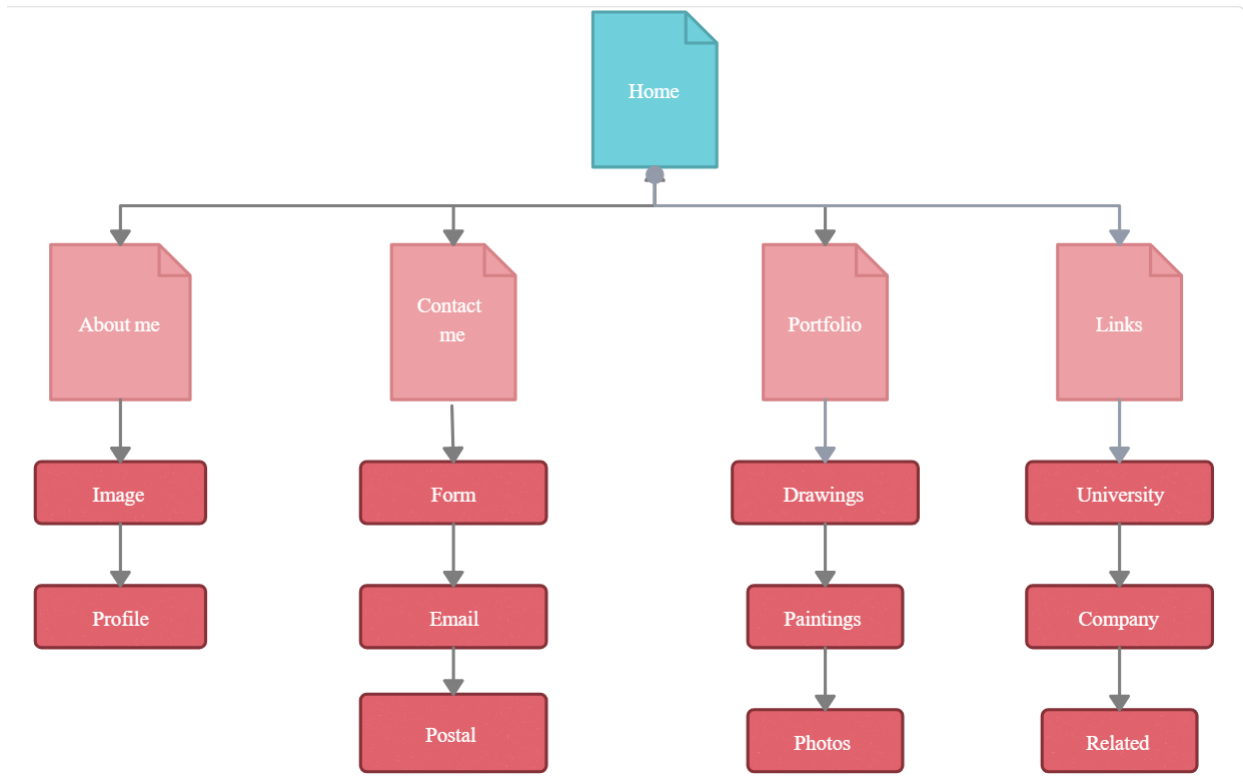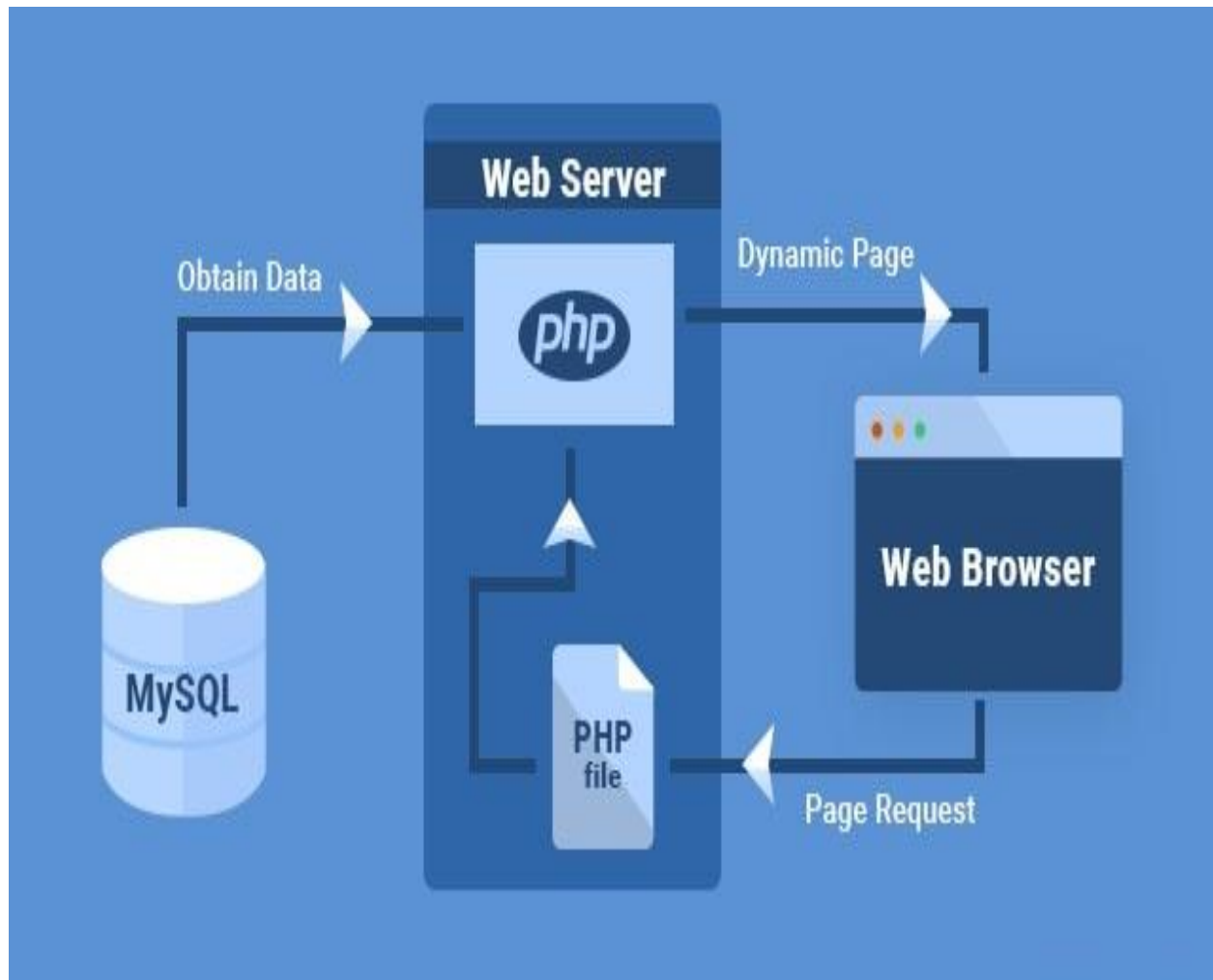
CONNECTION INTERFACE

CHAPTER-1

Introduction

This work aims to report the process of designing and developing a web portfolio for a graduating bachelor design student specializing in web design and development. It will define what a portfolio website is, it will also explain the basic theory and elements of an online portfolio design process. Further this work presents different ways and channels through which a design student can create and develop a personal online portfolio. By covering aspects such as: how to integrate personal visual identity and what is required to build an effective portfolio. In order to carry out this process, it is essential to understand various strategies and techniques that are used to today, while acquiring skill full understanding of modern tools and trends.

The portfolio website should consists of our main parts such as personal information, including short curriculum vitae and professional skills, portfolio showcase, and contact information including feedback form.

The Parallax effect possible can be implemented in order to bring the visual depth and dynamics to graphical objects.

Parallax is a web design technique that allows components of a web page to move at varying speeds when a user scrolls. In particular, the effect is created when the background of a web page moves at a different speed from the rest of the elements when you scroll.

1.2 FORMULATION OF PROBLEM-

Design a web application portal for people to display their work and interests to whomsoever it may concern and increase the social outreach for the same.

1.2.PROPOSED SOLUTION-

An application of Web Development 'Portfolio Website' will not only help in the above proposed problem but will also also reduce the time for the user for creating a resume and will allow other people to also see their achievements.

OVERVIEW OF THE WEBSITE

1.Texts

One paragraph text about client is required and needs to be custom written with sustain tone of voice - edgy and masculine. Also some cool tailgates can be generated. Project brief and description need to be written.

2.Professional photography

Including good and attractive photos in the portfolio are as important as creating a interacting dashboard , it helps in engaging people to the screen.

3.Renders/sitemaps/graphics

Client prefers to use professional templates for better and clear presentations of the projects. Some of the projects writer is planning to present require more visualization.

4.CV (Curriculum Vitae)

Client   resume which will be presented on the website but will be possible to download a full version in the near future.

5.Overall style/look

Present a personal visual identity which will affect on the design style or any other visual or written inspirations. It can be presented in mood board, mind map, keywords format or as a plane text. Different samples of websites also can be enclosed.

1.2.1 TOOLS & TECHNOLOGY USED

Web development tools have come a long way in just a few short years. Thanks to this, we can harness the power of highly tested libraries to improve our workflow and benefit from greater possibilities when it comes to responsive design.

The main tools and technologies used for developing the project are listed below-

Web.com, HTML , JAVA , Chrome DevTools , TypeScript, GitHub, J Query, Bootstrap, Visual Studio Code, MY SQL, PHP , PHP admin.

Many other technologies may also be used to increase the projects functionality and to support the developer.

Coding

Coding technologies are developing faster and faster. Nowadays there are a lot of different tools how to create a website fast and without learning the coding languages. It is harder to make personalised designs in these programs because they are quite limited with the resources. Still they are very easy to use. For the purposes of this we will be using a mixture of technologies and tools to attain our goal and then normalize everything after everything is connected.

CMS systems are one of the useful tools for a designer to updating a portfolio. CMS platforms are widely used now, and include systems such as Wordpress, Jumla, OpenCart and others. These systems allows the owner to update the content of the website immediately and without changing the code each time. The main coding languages are HTML, CSS, JavaScript, jQuery, and PHP. Of course there are others which also can be used for loading websites. In this project we will be using PHP to connect database to our website and to store the data feeds.

SQL

SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in a relational database.

SQL SERVER

In this project we will make use of SQL server in which we will load our database and then connect it to the website .SQL database server will connect website and database for controlled regulation of the webpage and help in further updation or modification of the website. It is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications—which may run either on the same computer or on another computer across a network (including the Internet).

DATABASE

A database is an organized collection of structured information, or data, typically stored electronically in a computer system. A database is usually controlled by a database management system (DBMS).

Together, the data and the DBMS, along with the applications that are associated with them, are referred to as a database system, often shortened to just database.

Data within the most common types of databases in operation today is typically modeled in rows and columns in a series of tables to make processing and data querying efficient. The data can then be easily accessed, managed, modified, updated, controlled, and organized. Most databases use structured query language (SQL) for writing and querying data.

A relational database is a type of database that stores and provides access to data points that are related to one another. Relational databases are based on the relational model, an intuitive, straightforward way of representing data in tables. In a relational database, each row in the table is a record with a unique ID called the key. The columns of the table hold attributes of the data, and each record usually has a value for each attribute, making it easy to establish the relationships among data points.

PHP

PHP is a server side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed. The client computers accessing the PHP scripts require a web browser only.

PHP Data Objects (PDO) is an extension that serves as an interface for connecting to databases. Unlike MySQLi, it can perform any database functions and is not limited to MySQL. It allows flexibility among databases and is more general than MySQL. PDO supports both server and client-side prepared statements.

PHP provides **mysqli** contruct or **mysqli_connect()** function to open a database connection. This function takes six parameters and returns a MySQL link identifier on success or FALSE on failure.

Sr.No.	Parameter & Description
1	**$host** Optional − The host name running the database server. If not specified, then the default value will be **localhost:3306**.
2	**$username** Optional − The username accessing the database. If not specified, then the default will be the name of the user that owns the server process.
3	**$passwd** Optional − The password of the user accessing the database. If not specified, then the default will be an empty password.
4	**$dbName** Optional − database name on which query is to be performed.
5	**$port** Optional − the port number to attempt to connect to the MySQL server..
6	**$socket** Optional − socket or named pipe that should be used.

Project page layout/Project Design

The first variant of project page layout is presented on Figure. The below provided picture of the project provides a brief including

information about the client, date and a description of the task and a result of the project.

The first phase of project photo shows the landing page of the project.
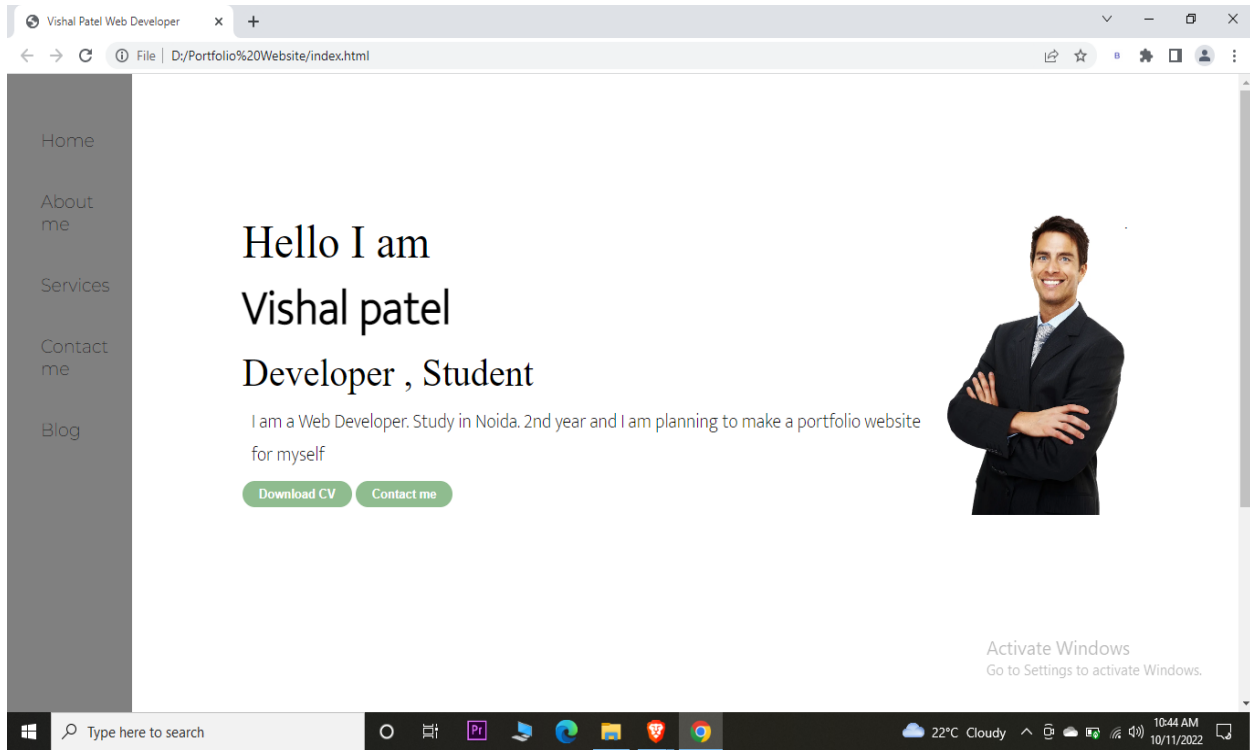
To connect the HTML webpage to the database PHP MyAdmin is used . But first we installed XAMPP software to give us a local webserver.

After doing this we will start creating database in PHP MyAdmin .