PROJECT DOCUMENTATION

TOPIC: - Apprenticeship Details

Submitted By

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ABSTRACT

An apprenticeship is a system for training a new generation of practitioners of a trade or profession with on-the-job training and often some accompanying study (classroom work and reading). Apprenticeships can also enable practitioners to gain a license to practice in a regulated profession. The program aims to facilitate a smooth transition from school to vocational training and employment for young people. This project fully helpful for any industries to collect, store all information about the apprentice, and helpful for the future references.

CONTENTS

1. INTRODUCTION

1.1. OBJECTIVE

The objective of this project is to store apprenticeship trainee's details and know about the currently working and dis continuing apprentice and their all information about the period of the training. The administrator has all rights to login and add, edit, remove and view of any apprentice in their industry.

1.2. PROJECT DESCRIPTION

An apprentice is someone learning how to do a specialized job through on-the-job training, under the guidance of an experienced colleague. An apprenticeship differs from trade school because apprentices typically receive a salary during their training period. Apprentices may work in a variety of industries, although the most common are electrician, engineering, and mechanical apprenticeships. This role of the project is involving the all kind of information about the apprentice. Join date, ending date, period of working, experience all data are add and use for the future references

2. HARADWARE & SOFTWARE REQUIREMENTS

2.1. HARADWARE REQIREMENTS

- Personal Computer or Laptop
- Processor – Intel Core i3
- Hard Disk Capacity – 1 Tb

2.1. SOFTWARE REQIREMENTS

- Operating System – Windows OS (10th Gen)
- Text Editor – Notepad, Visual Studio Code
- Browser – Microsoft edge, Google Chrome
- Languages – Front End(HTML, CSS) Back End (PHP, MYSQL)
- Server – Apache
- Software - XAMPP Server

- **HTML (HYPER TEXT MARKUP LANNGUAGE)**

HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks. Every web page you see on the Internet is written using one version of HTML code or another.HTML code ensures the proper formatting of text and images for your Internet browser. Without HTML, a browser would not know how to display text as elements or load images or other elements.

- **CSS (CASCADE STYLE SHEET)**

CSS (Cascading Style Sheets) is a stylesheet language used to design the webpage to make it attractive. The reason of using CSS is to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page.

- **PHP (HYPERTEXT PREPROCESSOR)**

PHP is widely used in many software applications like WordPress. PHP works closely with a web server, which enables you to build interactive and dynamic web pages. Generally used to develop web based applications. Used for creating dynamic web content with advanced featured like session id tracking.

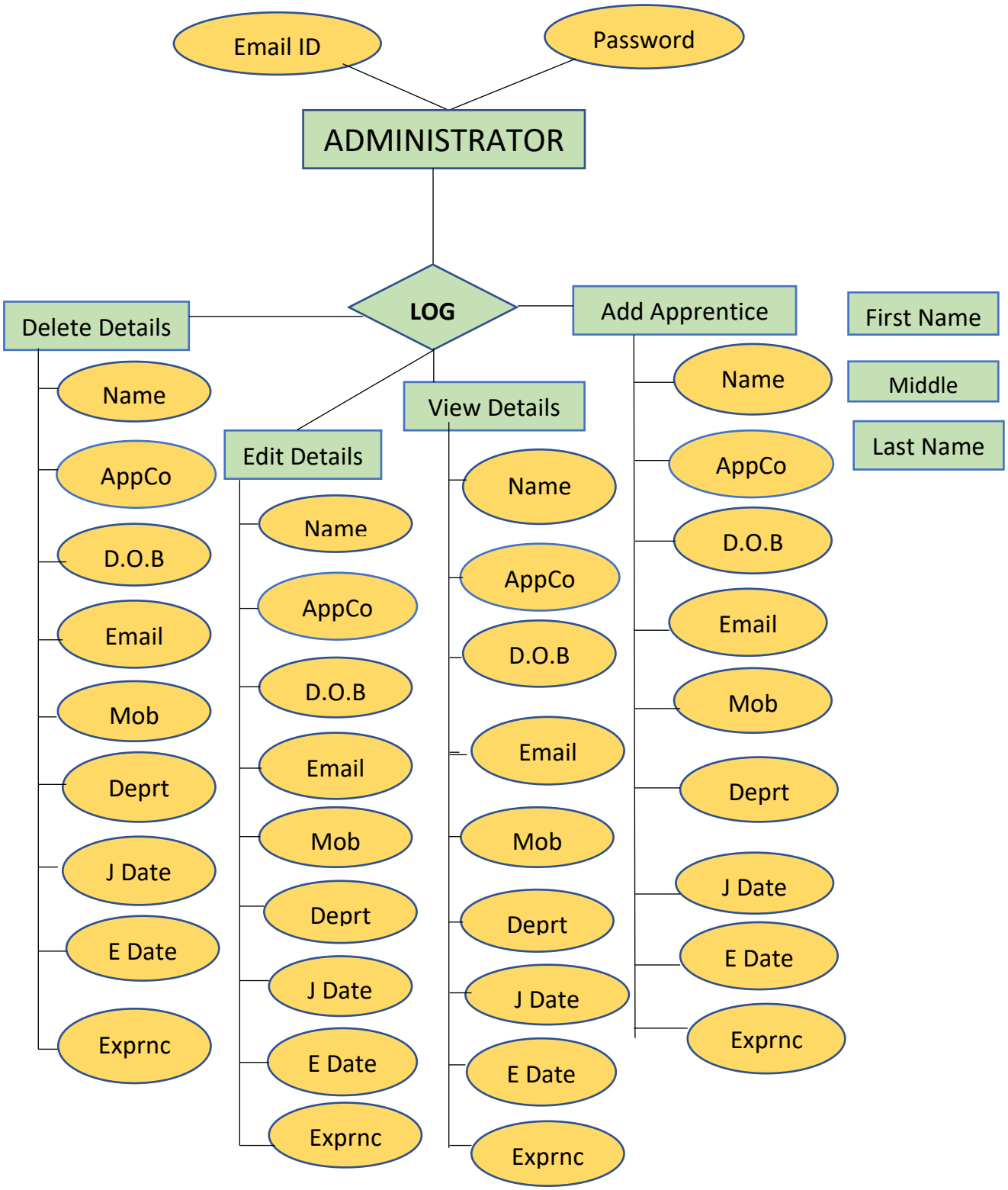
- **MYSQL**

MYSQL is an open-source relational database management system. It is a freely available database system. MySQL is easy to use as compared to another database software such as Microsoft SQL Server and Oracle database etc. It can be used with any programming language, but is largely used with PHP. MySQL can run on multiple platforms such as Linux, Windows, Unix, and an information schema to define and manage your metadata. You can either install it on your local system or even on the server as well. It is a really flexible, scalable, fast, and reliable solution.

3. SYSTEM DESIGN

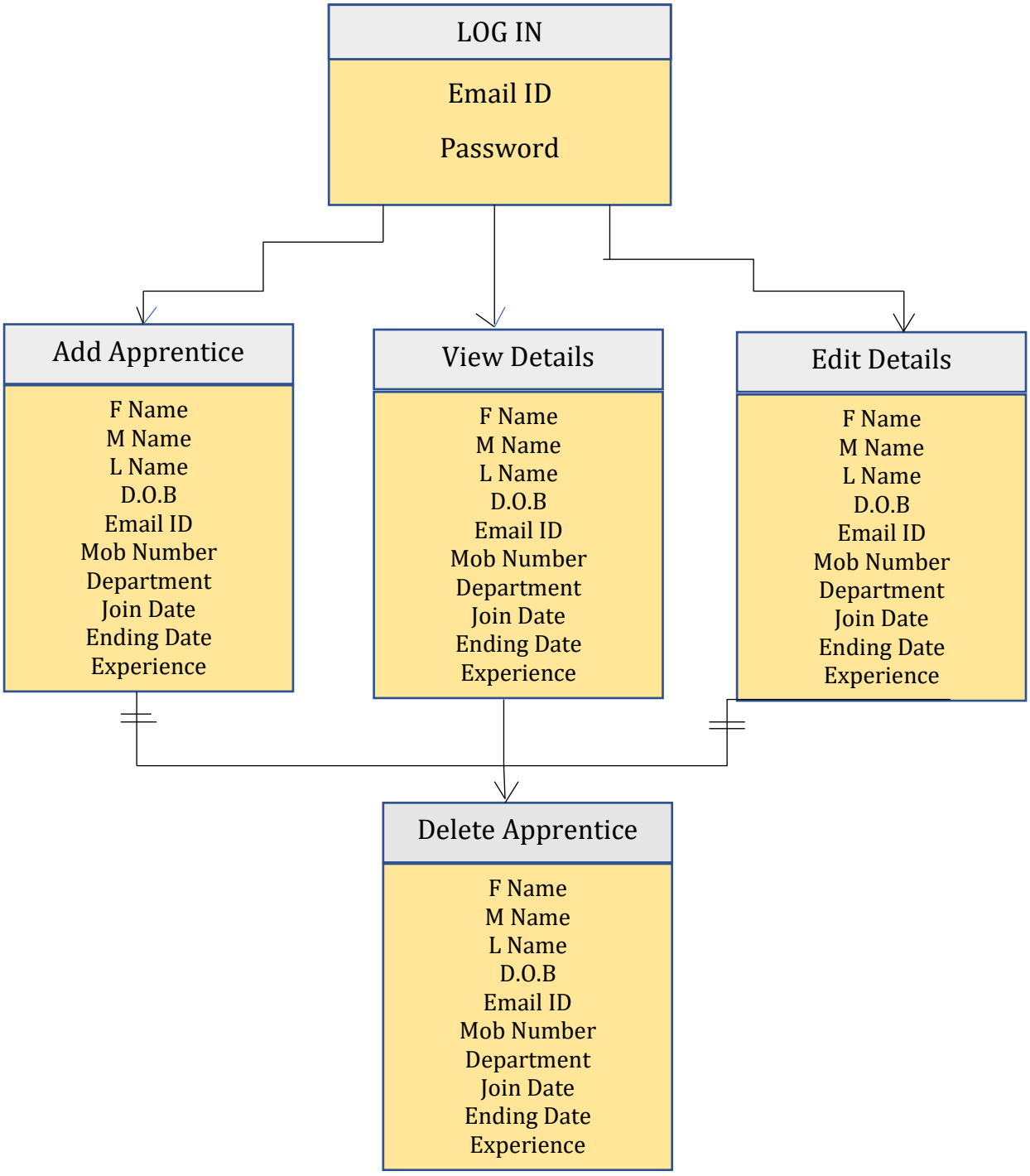
3.1. ER DIAGRAM

An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties. By defining the entities, their attributes, and showing the relationships between them, an ER diagram illustrates the logical structure of databases.ER diagrams are used to sketch out the design of a database.



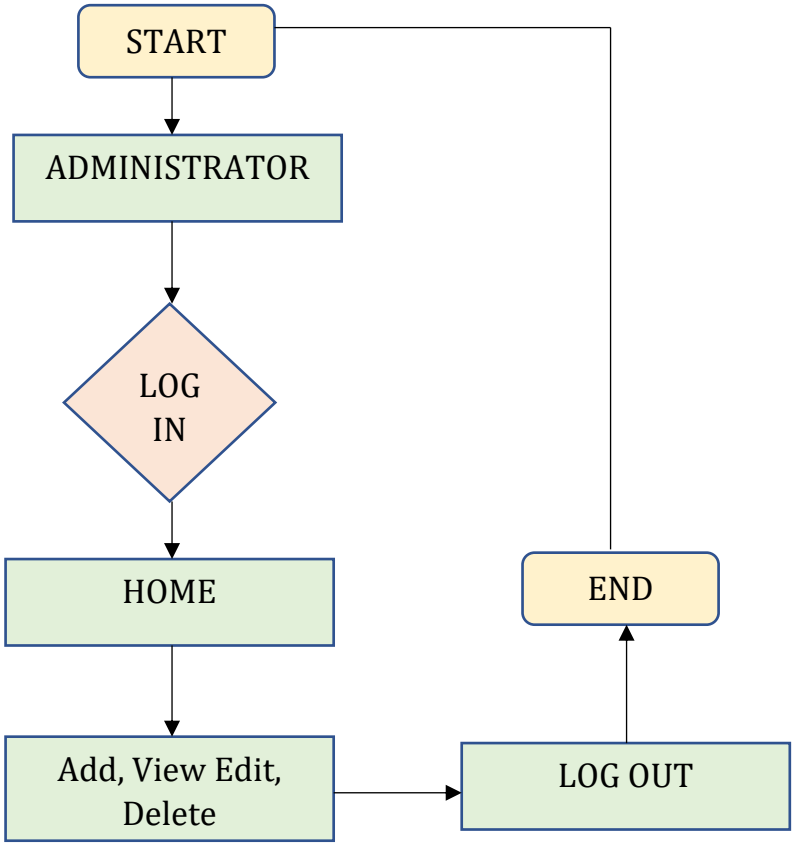
3.2.CLASS DIAGRAM

A class diagram in the Unified Modelling Language (UML) is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations (or methods), and the relationships among objects.



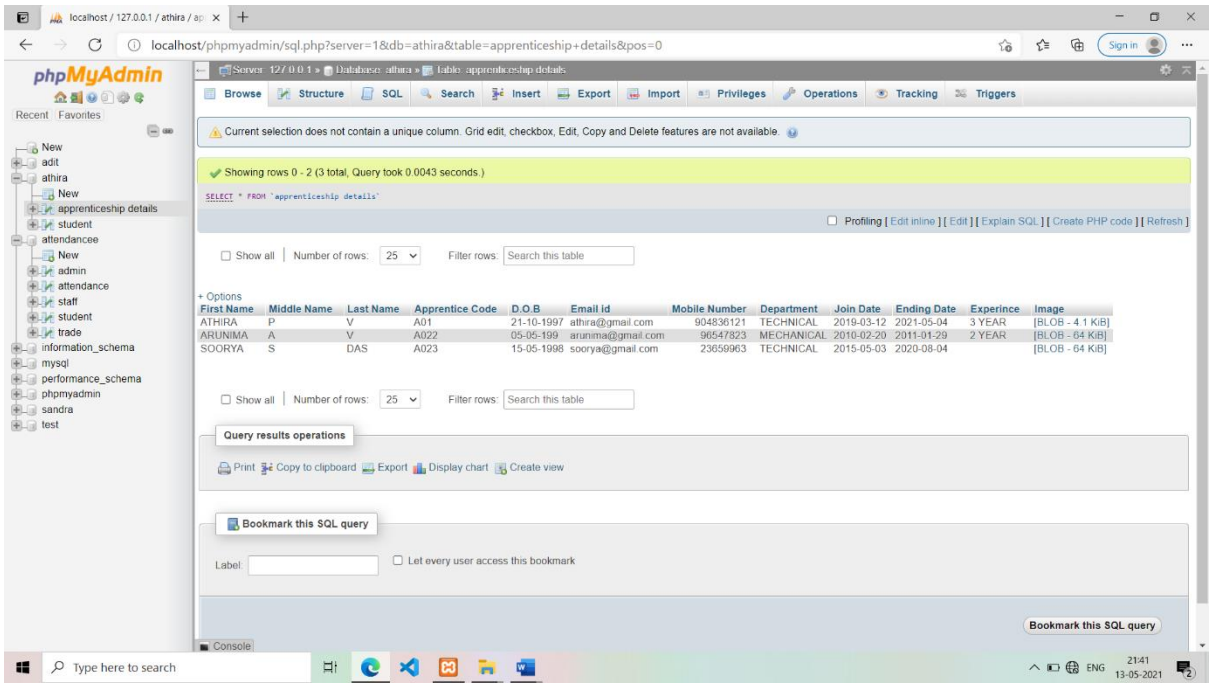
3.3.FLOW CHART

A flowchart is a type of diagram that represents a workflow or process. A flowchart can also be defined as a diagrammatic representation of an algorithm, a step-by-step approach to solving a task. The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows. This diagrammatic representation illustrates a solution model to a given problem. Flowcharts are used in analysing, designing, documenting or managing a process or program in various fields.



4. APPENDICES

4.1. DATABASE TABLES



4.2. SOURCE CODE

- **Login**

```
<!DOCTYPE html>
<html>
    <head>
        <title>Admin</title>
        <link rel="Stylesheet" href="log.css">
    </head>
    <body>
        <form action="second.html" enctype="multipart/form-
data" method="POST">

          <fieldset>
            <h1>ADMINSTRATOR LOGIN</h1>
            <label>Email ID : </label>
            <input type="text" name="email"><br><br>
            <label>Password  : </label>
            <input type="text" name="pass"><br><br>
            <input type="submit" style="background-
color: aqua;" name ="submit">
        </fieldset>
        </form>
    </body>
</html>
```

- **Home**

```
<!DOCTYPE html>
<html>
    <head>
        <title>second</title>
    </head>
    <body>
            <button type="add" style="width: 15%; background-
color: yellow;"><a href="add.html">Add Apprentice</a></button><br><br>
            <button type="view" style="width: 15%; background-
color: yellow;"><a href="fetchdata.php">View Details</a></button><br><br>
            <button type="edit" style="width: 15%; background-
color: yellow;"><a href="update.php">Edit Details</a></button><br><br>
            <button type="delete" style="width: 15%; background-
color: yellow;"><a href="fetchdata.php">Delete Details</a></button>
```

```
        </body>
</html>
```

- **Add**

```
<!DOCTYPE html>
<html>
    <head>
        <title>form</title>
    </head>
    <body>
        <h1 style="padding-left: 10px; text-
align: left;">REGISTRATION FORM</h1>
        <form action="second.html" method="POST">
            <fieldset style="width :28%; padding-left: 45px; padding-
bottom: 30px; padding-top: 30px; background-color: aliceblue;">
             <label for="FirstName">First Name:</label>
             <input type="text" name="FirstName"><br><br>
             <label for="MiddleName">Middle Name:</label>
             <input type="text" name="Middleame"><br><br>
             <label for="LastName">Last Name:</label>
             <input type="text" name="LastName"><br><br>
             <label for="Apprentice Code">Apprentice Code:</label>
             <input type="text" name="Apprentice Code"><br><br>
             <label for="D.O.B" >D.O.B :</label>
             <input type="date" name="D.O.B"><br><br>
             <label for="Emailid">Email id:</label>
             <input type="text" name="Emailid"><br><br>
             <label type="MobileNumber">Mobile Number:</label>
             <input type="text" name="MobileNumber"><br><br>
             <label type="Department">Department:</label>
             <input type="text" name="Department"><br><br>
             <label type="Join Date">Join Date:</label>
             <input type="date" name="Join Date"><br><br>
             <label type="Ending Date">Ending Date:</label>
             <input type="date" name="Ending Date"><br><br>
             <label type="Experince">Experince:</label>
             <input type="text" name="Experince"><br><br>
             <label for="Scan" >Image :</label>
             <input type="file" name="Choose Image"><br><br>
             <input type="submit" style="background-
color:rgb(199, 245, 131);" name ="submit">
             <input type="Reset" style="background-
color:rgb(199, 245, 131);" name ="submit">
             </fieldset>
        </form>
    </body>
```

```
</html>
```

- **Connection**

```
<?php
    $servername = "localhost";
    $username = "root";
    $pass = "";
    $db = "apprenticeship details";
    $conn = mysqli_connect($servername,$username,$pass,$db);
    if($conn)
    {
         echo " DATA BASE SUCCESSFULLY CONNECTED";
    }
    else{
        echo " FAILD TO CONNECT".mysqli_connect_error();
    }

?>
```

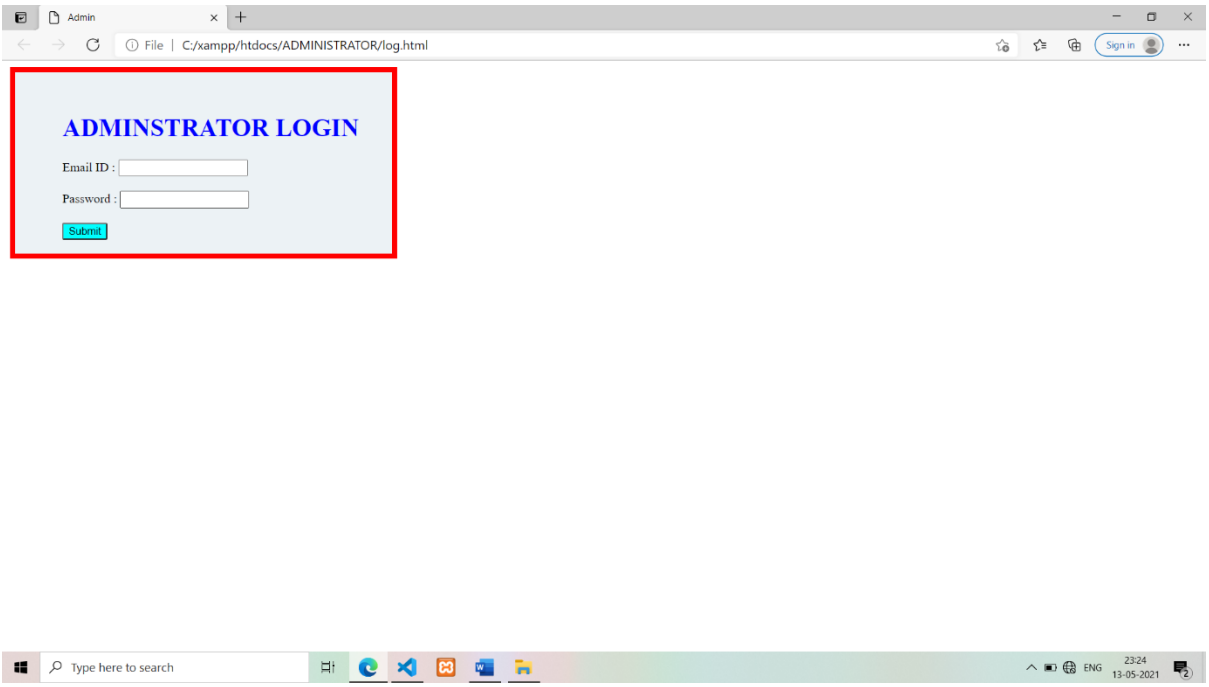
- **Fetch**

```
<?php
include_once "connection.php";
?>
<!DOCTYPE html>
<html>
<head>
</head>
<body>
    <h1 style="padding: 10px; color: royalblue; text-
align: center;">Apprenticeship Details</h1>
    <table border="1">
        <tr>
            <th> First Name </th>
            <th> Middle Namee </th>
            <th> Last Name </th>
            <th> Apprentice Code </th>
            <th> D.O.B </th>
            <th> Mobile Number </th>
            <th> Email id </th>
            <th> Department </th>
            <th> Join Date </th>
```

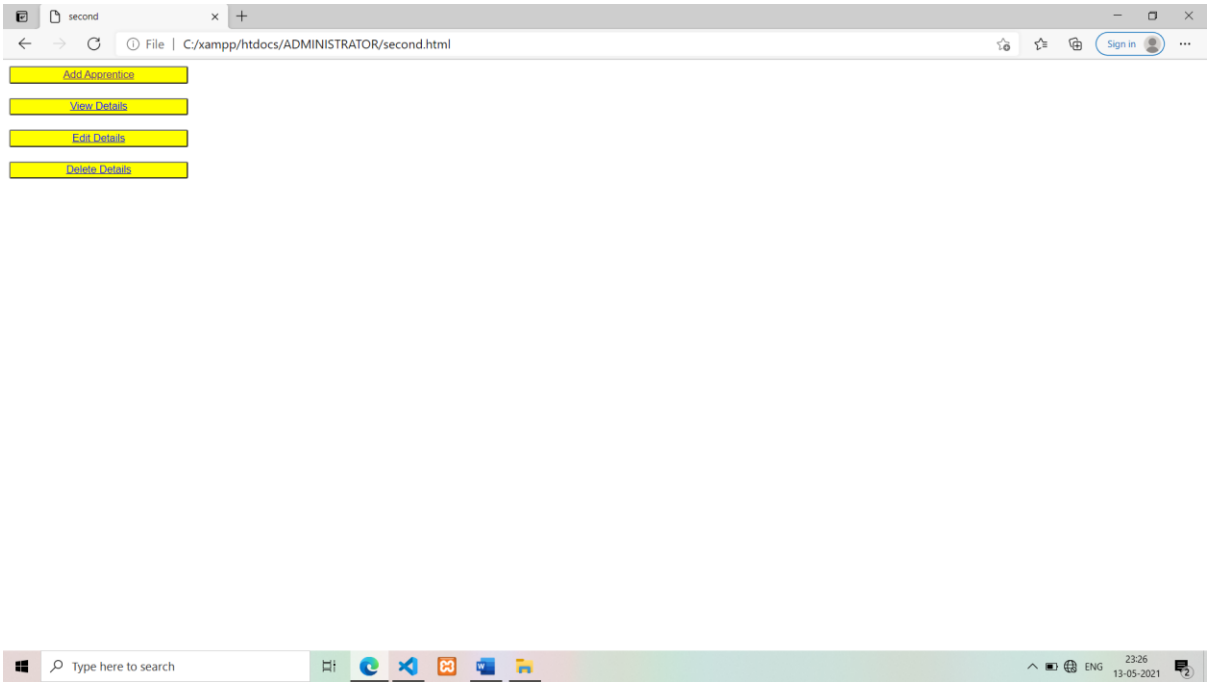
```
            <th> Ending Date </th>
            <thExperince></th>
        </tr>
        <?php
            $query = "SELECT * FROM apprenticeship details";
            $data = mysqli_query($conn,$query);
            $total = mysqli_num_rows($data);
            if($total !=0)
            {
                while($result = mysqli_fetch_assoc($data))
                {
        ?>
                    <tr>
                    <td><?php echo $result['fnmae'] ?></td>
                    <td><?php echo $result['mname']?></td>
                    <td><?php echo $result['lname'] ?></td>
                    <td><?php echo $result['apcode']?></td>
                    <td><?php echo $result['dob'] ?></td>
                    <td><?php echo $result['mobileno']?></td>
                    <td><?php echo $result['email']?> </td>
                    <td><?php echo $result['dept']?></td>
                    <td><?php echo $result['joindate']?> </td>
                    <td><?php echo $result['endingdate']?></td>
                    <td><?php echo $result['experience']?></td>
                    <td><a href="delete.php?apprentice code= <?php echo $resul
t['apprentice code'];?>">Delete </a></td>
                    </tr>
                    <?php
                }
            }
            ?>
    </table>
</html>
```

4.3. SCREENSHOTS

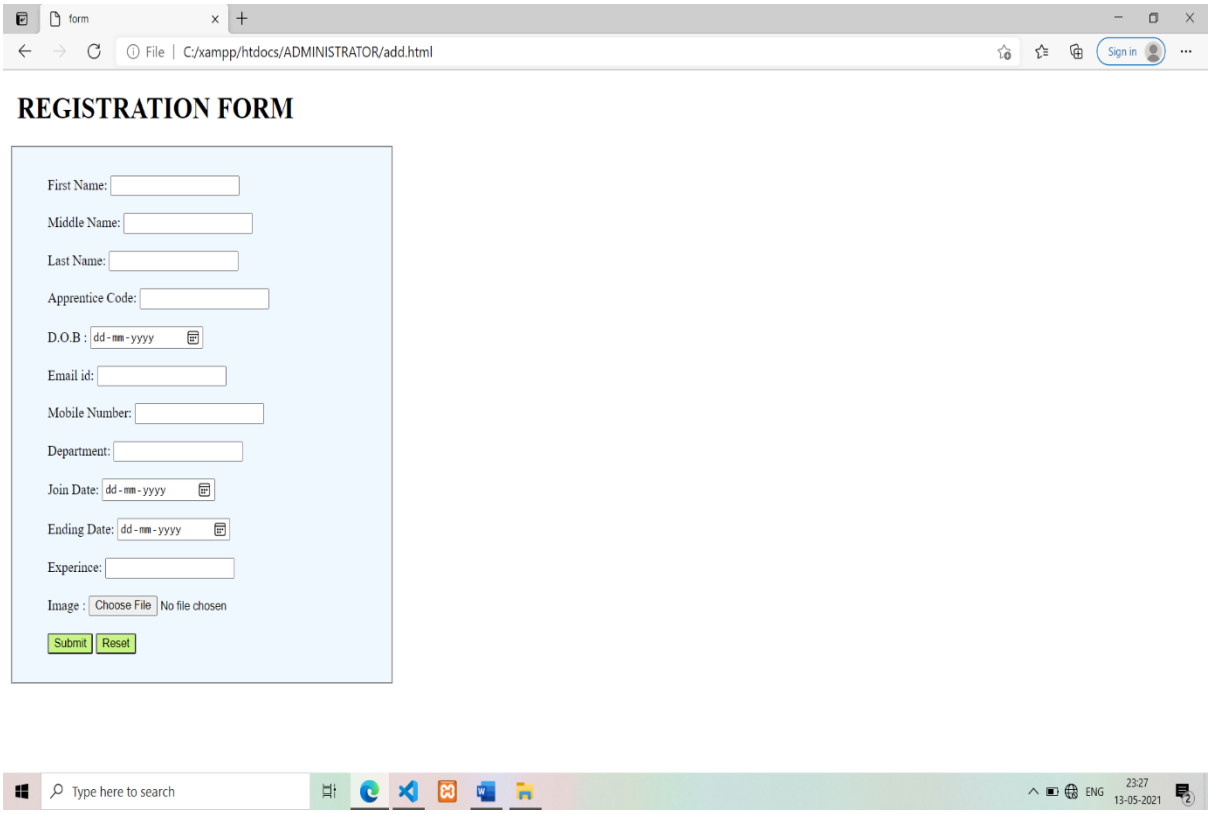
- **Login**



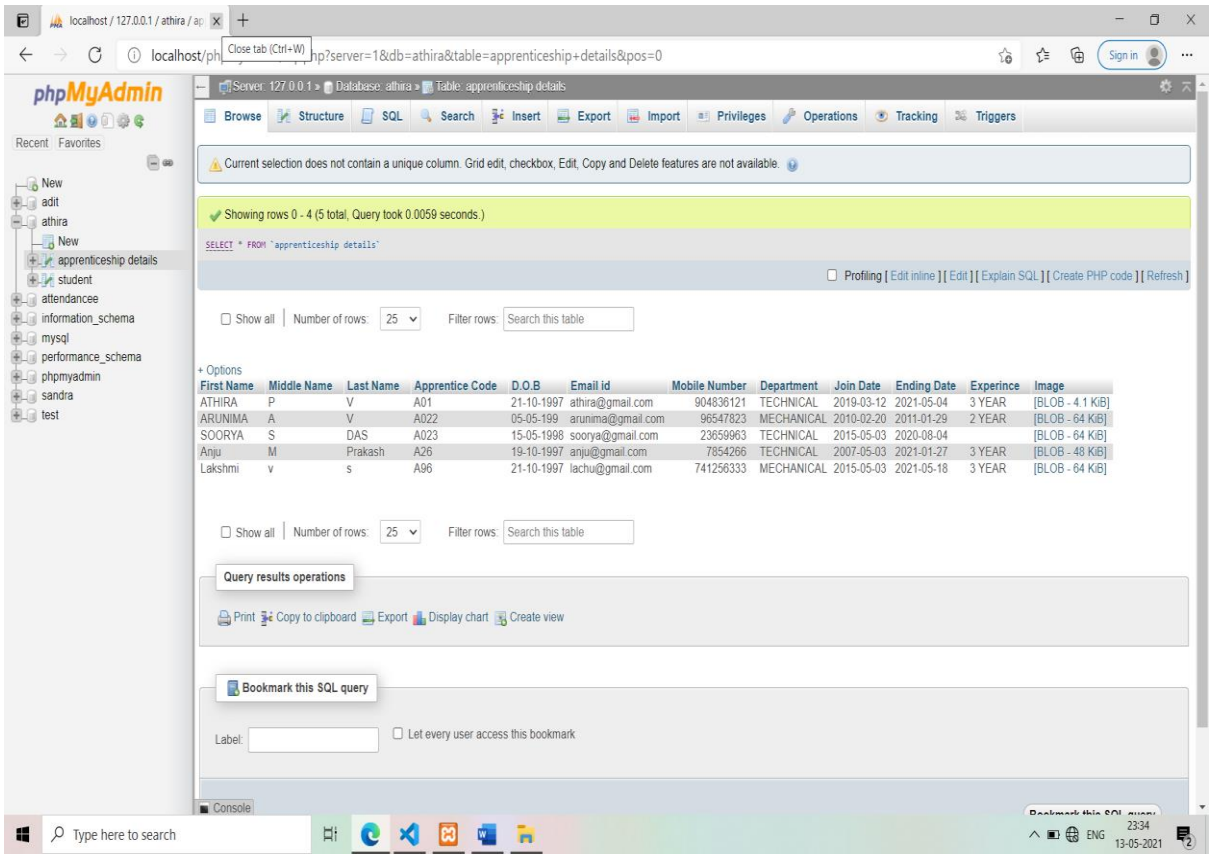
- **Home**


second
File | C:/xampp/htdocs/ADMINISTRATOR/second.html
Sign in
Add Apprentice
View Details
Edit Details
Delete Details
Type here to search
ENG
23:26
13-05-2021

- **Form**


form
File | C:/xampp/htdocs/ADMINISTRATOR/add.html
Sign in
REGISTRATION FORM
First Name:
Middle Name:
Last Name:
Apprentice Code:
D.O.B : dd-mm-yyyy
Email id:
Mobile Number:
Department:
Join Date: dd-mm-yyyy
Ending Date: dd-mm-yyyy
Experince:
Image : Choose File No file chosen
Submit
Reset
Type here to search
ENG
23:27
13-05-2021

- **Fetch Data**


phpMyAdmin
Recent Favorites
New
adit
athira
New
apprenticeship details
student
attendancee
information_schema
mysql
performance_schema
phpmyadmin
sandra
test
Server: 127.0.0.1 » Database: athira » Table: apprenticeship details
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 4 (5 total, Query took 0.0059 seconds.)
SELECT * FROM `apprenticeship details`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
First Name | Middle Name | Last Name | Apprentice Code | D.O.B | Email id | Mobile Number | Department | Join Date | Ending Date | Experince | Image
ATHIRA | P | V | A01 | 21-10-1997 | athira@gmail.com | 904836121 | TECHNICAL | 2019-03-12 | 2021-05-04 | 3 YEAR | [BLOB - 4.1 KiB]
ARUNIMA | A | V | A022 | 05-05-199 | arunima@gmail.com | 96547823 | MECHANICAL | 2010-02-20 | 2011-01-29 | 2 YEAR | [BLOB - 64 KiB]
SOORYA | S | DAS | A023 | 15-05-1998 | soorya@gmail.com | 23659963 | TECHNICAL | 2015-05-03 | 2020-08-04 | | [BLOB - 64 KiB]
Anju | M | Prakash | A26 | 19-10-1997 | anju@gmail.com | 7854266 | TECHNICAL | 2007-05-03 | 2021-01-27 | 3 YEAR | [BLOB - 48 KiB]
Lakshmi | v | s | A96 | 21-10-1997 | lachu@gmail.com | 741256333 | MECHANICAL | 2015-05-03 | 2021-05-18 | 3 YEAR | [BLOB - 64 KiB]
Show all | Number of rows: 25 Filter rows: Search this table
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Console
Type here to search
ENG
23:34
13-05-2021

5. CONCLUSION

The Purpose of this project is to store apprenticeship trainee's details and know about the currently working and dis continuing apprentice and their all information about the period of the training. The administrator has all rights to login and add, edit, remove and view of any apprentice in their industry.

6. REFERENCE

- w3schools - Bing
- guru99 - Bing