

# COMPSOFT TECHNOLOGIES



## AN INTERNSHIP REPORT ON “Website for Storemyresults”

**Bachelor of Engineering**

**In**

**ELECTRONICS AND COMMUNICATION**

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**DON BOSCO INSTITUTE OF TECHNOLOGY**

## ABOUT THE COMPANY

We are a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses, we believe that service and quality is the key to success

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

Development - We develop responsive, functional and super-fast websites.

We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

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## **OVERVIEW OF THE PROJECT**

**Project Name: Website for Storemyresults**

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Engineering Students Nowadays do not have the habit of remembering their marks of the previous semester or the work rating of the last project in the company, this can actually cause a huge problem to students in their final year of Engineer/if switching companies is taking place, in order to solve this, we here at storemyresults.com would love to provide a platform to students/Graduates to store their results of the previous/current semester thereby making it comfortable to access results and marks accessible whenever required, fun fact, Majority of students don't even remember the marks of their current semester and the sophisticated design of result websites make it a little difficult to access the same.

## **ABOUT OUR WEBSITE**

The most important part of making this site is the user experience, which results in specific university websites do not focus on design as functionality outweighs design in these specific websites, which can further ruin the user experience, here the focus lies on functionality and design. The Working Process is pretty simple here we ask students to create an account with us and we tend to store the data that they enter, the data might include USN, NAME and SUBJECT NAMES with their finalized marks, once that is done we keep a submit option wherein the users/Students can submit their responses, the content of the web page at the time of submission should be downloadable in pdf form for their reference, the data of the user should be completely secured and (s)he has to make an account and set their password to access their account at any point in time. This will make it easier for the students to retrieve their results or marks of any subject of any semester anytime.

## **TOOLS USED**

### **Software Requirements**

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS (optional)
- Linux 7.1 or Windows XP/7/8/10 OS or Mac OS

### **Hardware Requirements**

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128 MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

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## IMPLEMENTATION

### Source Code :

#### Form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>forms</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"
crossorigin="anonymous">
  <link rel="stylesheet" href="styles.css">
  <script src="pdf.js"></script>
  <script
src="https://cdnjs.cloudflare.com/ajax/libs/html2pdf.js/0.9.2/html2pdf.bundle.js"></sc
ript>
</head>
<body>

  <div class="top"> <a href="#"> BACK TO HOME </a><label ><button class="button"
id="download" >DOWNLOAD PDF</button></div>

  <form name="frmdetail" method="post" action="detail.php">
<div class="wrapper">
  <div class="form" >
    <div class="pdf" id="invoice" >
      <div class="input_field" >
        <label for="name"> NAME</label>
        <input type="text" class="input" name="txtname" id="txtname">
      </div>
      <div class="input_field" >
        <label for="usn"> USN</label>
        <input type="text" class="input" name="txtusn" id="txtusn">
      </div>
      <div class="input_field" >
        <label for="branchname" > BRANCH NAME</label>
        <input type="text" class="input" name="txtbranch" id="txtbranch">
      </div>
    </div>
  </div>
</form>
```

```

</div>
<div class="input_field" >
  <label for="1sem" > 1ST SEMESTER SGPA </label>
  <input type="text" class="input" name="txt1sem" id="txt1sem">
</div>
<div class="input_field" >
  <label for="2sem" > 2ND SEMESTER SGPA</label>
  <input type="text" class="input" name="txt2sem" id="txt2sem">
</div>
<div class="input_field">
  <label for="3rd" > 3RD SEMESTER SGPA</label>
  <input type="text" class="input" name="txt3sem" id="txt3sem">
</div>
<div class="input_field">
  <label for="4"> 4TH SEMESTER SGPA</label>
  <input type="text" class="input" name="txt4sem" id="txt4sem">
</div>
<div class="input_field">
  <label for="5"> 5TH SEMESTER SGPA</label>
  <input type="text" class="input" name="txt5sem" id="txt5sem">
</div>
<div class="input_field">
  <label for="6sem" > 6TH SEMESTER SGPA</label>
  <input type="text" class="input" name="txt6sem" id="txt6sem">
</div>
<div class="input_field">
  <label for="7sem"> 7TH SEMESTER SGPA</label>
  <input type="text" class="input" name="txt7sem" id="txt7sem">
</div>
<div class="input_field">
  <label for="8sem" > 8TH SEMESTER SGPA</label>
  <input type="text" class="input" name="txt8sem" id="txt8sem">
</div>
</div>
  <div class="input_field">
    <label ><input type="submit" name="submit" value="submit" class="am" >
</label>

  </div>
</div>

</div>
</form>

```



---



---

</body>

## Index.php

```
<?php
    session_start();

    if (!isset($_SESSION['username'])) {
        $_SESSION['msg'] = "You must log in first";
        header('location: login.php');
    }
    if (isset($_GET['logout'])) {
        session_destroy();
        unset($_SESSION['username']);
        header("location: login.php");
    }
?>
<!DOCTYPE html>
<html>
<head>
    <title>Home</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>

<div class="header">
    <h2>Home Page</h2>
</div>
<div class="content">
    <!-- notification message -->
    <?php if (isset($_SESSION['success'])) : ?>
        <div class="error success" >
            <h3>
                <?php
                    echo $_SESSION['success'];
                    unset($_SESSION['success']);
                ?>
            </h3>
        </div>
    <?php endif ?>

    <!-- logged in user information -->
    <?php if (isset($_SESSION['username'])) : ?>
        <p>Welcome <strong><?php echo $_SESSION['username']; ?></strong></p>
```

```

    <p> <a href="index.php?logout='1'" style="color: red;">logout</a> </p>
    <?php endif ?>
</div>

</body>
</html>

```

## Register.php

```

<?php include('server.php') ?>
<!DOCTYPE html>
<html>
<head>
    <title>Registration system PHP and MySQL</title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <div class="header">
        <h2>Register</h2>
    </div>

    <form method="post" action="register.php">
        <?php include('errors.php'); ?>
        <div class="input-group">
            <label>Username</label>
            <input type="text" name="username" value="<?php echo $username; ?>">
        </div>
        <div class="input-group">
            <label>Email</label>
            <input type="email" name="email" value="<?php echo $email; ?>">
        </div>
        <div class="input-group">
            <label>Password</label>
            <input type="password" name="password_1">
        </div>
        <div class="input-group">
            <label>Confirm password</label>
            <input type="password" name="password_2">
        </div>
        <div class="input-group">
            <button type="submit" class="btn" name="reg_user"> <a href="form.html"> Register</a></button>
        </div>
    <p>

```

```
Already a member? <a href="login.php">Sign in</a>
</p>
</form>
</body>
</html>
```

## Login.php

```
<?php include('server.php') ?>
<!DOCTYPE html>
<html>
<head>
  <title>Registration system PHP and MySQL</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="header">
    <h2>Login</h2>
  </div>

  <form method="post" action="login.php">
    <?php include('errors.php'); ?>
    <div class="input-group">
      <label>Username</label>
      <input type="text" name="username" >
    </div>
    <div class="input-group">
      <label>Password</label>
      <input type="password" name="password">
    </div>
    <div class="input-group">
      <button type="submit" class="btn" name="login_user"><a href="form.html"> Login</a></button>
    </div>
  <p>
    Not yet a member? <a href="register.php">Sign up</a>
  </p>
</form>
</body>
</html>
```

## Details.php:

---

```

<?php

$con = mysqli_connect('localhost', 'root', '', 'db_table');

// get the post records
$txtname = $_POST['txtname'];
$txtusn = $_POST['txtusn'];
$txtbranch = $_POST['txtbranch'];
$txt1sem = $_POST['txt1sem'];
$txt2sem = $_POST['txt2sem'];
$txt3sem = $_POST['txt3sem'];
$txt4sem = $_POST['txt4sem'];
$txt5sem = $_POST['txt5sem'];
$txt6sem = $_POST['txt6sem'];
$txt7sem = $_POST['txt7sem'];
$txt8sem = $_POST['txt8sem'];

// database insert SQL code
$sql = "INSERT INTO `tbl_detail` (`Id`, `fldname`, `fldusn`, `fldbranch`, `fld1sem`, `fld2sem`, `fld3sem`, `fld4sem`,
`fld5sem`, `fld6sem`, `fld7sem`, `fld8sem`)
VALUES ('0', '$txtname', '$txtusn', '$txtbranch', '$txt1sem', '$txt2sem', '$txt3sem', '$txt4sem', '$txt5sem', '$txt6sem',
'$txt7sem', '$txt8sem')";

// insert in database
$rs = mysqli_query($con, $sql);

if($rs)
{
echo " Records Inserted";
}
?>

```

### errors.php:

```

<?php if (count($errors) > 0) : ?>
<div class="error">
<?php foreach ($errors as $error) : ?>
<p><?php echo $error ?></p>
<?php endforeach ?>
</div>
<?php endif ?>

```

### server.php:

```
<?php
session_start();

// initializing variables
$username = "";
$email = "";
$errors = array();

// connect to the database
$db = mysqli_connect('localhost', 'root', '', 'registration');

// REGISTER USER
if (isset($_POST['reg_user'])) {
    // receive all input values from the form
    $username = mysqli_real_escape_string($db, $_POST['username']);
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
    $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);

    // form validation: ensure that the form is correctly filled ...
    // by adding (array_push()) corresponding error unto $errors array
    if (empty($username)) { array_push($errors, "Username is required"); }
    if (empty($email)) { array_push($errors, "Email is required"); }
    if (empty($password_1)) { array_push($errors, "Password is required"); }
    if ($password_1 != $password_2) {
        array_push($errors, "The two passwords do not match");
    }

    // first check the database to make sure
    // a user does not already exist with the same username and/or email
    $user_check_query = "SELECT * FROM users WHERE username='$username' OR email='$email' LIMIT 1";
    $result = mysqli_query($db, $user_check_query);
    $user = mysqli_fetch_assoc($result);

    if ($user) { // if user exists
        if ($user['username'] === $username) {
            array_push($errors, "Username already exists");
        }

        if ($user['email'] === $email) {
            array_push($errors, "email already exists");
        }
    }
}
```

```
// Finally, register user if there are no errors in the form
if (count($errors) == 0) {
    $password = md5($password_1);//encrypt the password before saving in the database

    $query = "INSERT INTO users (username, email, password)
        VALUES('$username', '$email', '$password')";
    mysqli_query($db, $query);
    $_SESSION['username'] = $username;
    $_SESSION['success'] = "You are now logged in";
    header('location: index.php');
}
}

// ...

// ...

// LOGIN USER
if (isset($_POST['login_user'])) {
    $username = mysqli_real_escape_string($db, $_POST['username']);
    $password = mysqli_real_escape_string($db, $_POST['password']);

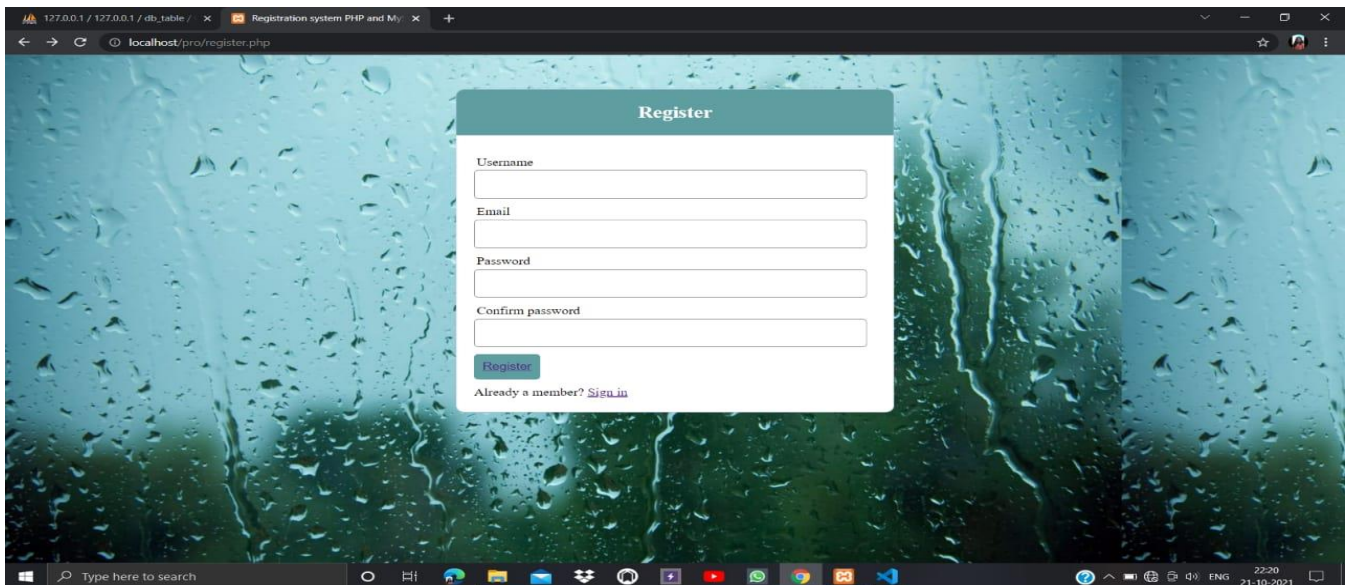
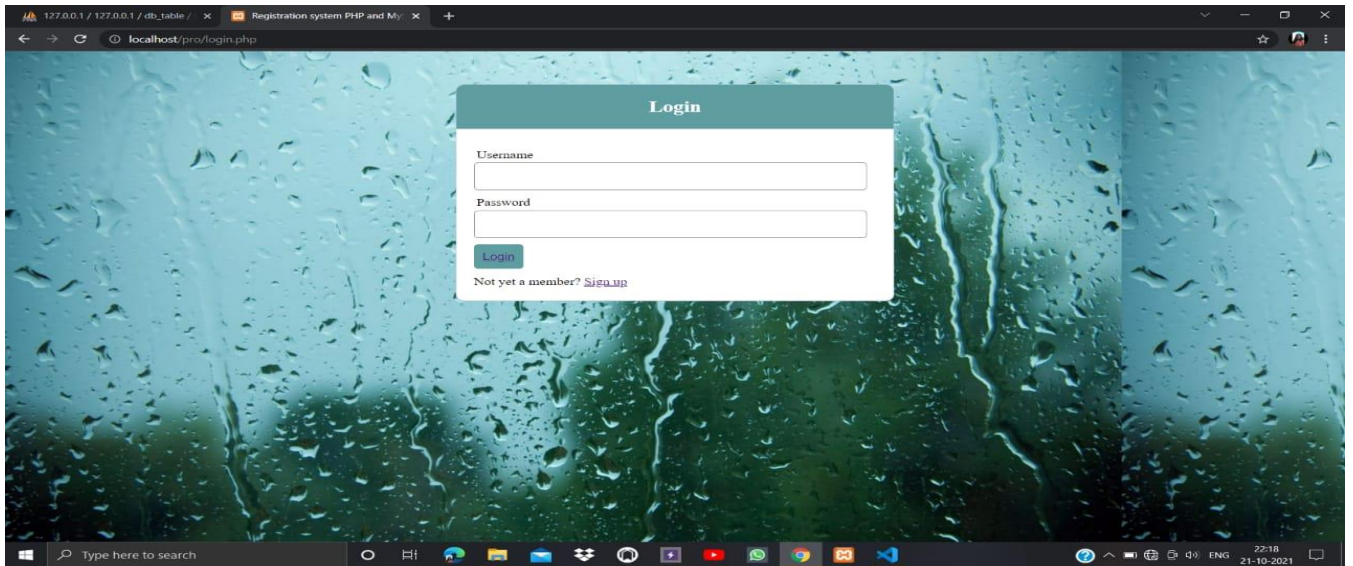
    if (empty($username)) {
        array_push($errors, "Username is required");
    }
    if (empty($password)) {
        array_push($errors, "Password is required");
    }

    if (count($errors) == 0) {
        $password = md5($password);
        $query = "SELECT * FROM users WHERE username='$username' AND password='$password'";
        $results = mysqli_query($db, $query);
        if (mysqli_num_rows($results) == 1) {
            $_SESSION['username'] = $username;
            $_SESSION['success'] = "You are now logged in";
            header('location: index.php');
        }else {
            array_push($errors, "Wrong username/password combination");
        }
    }
}
```

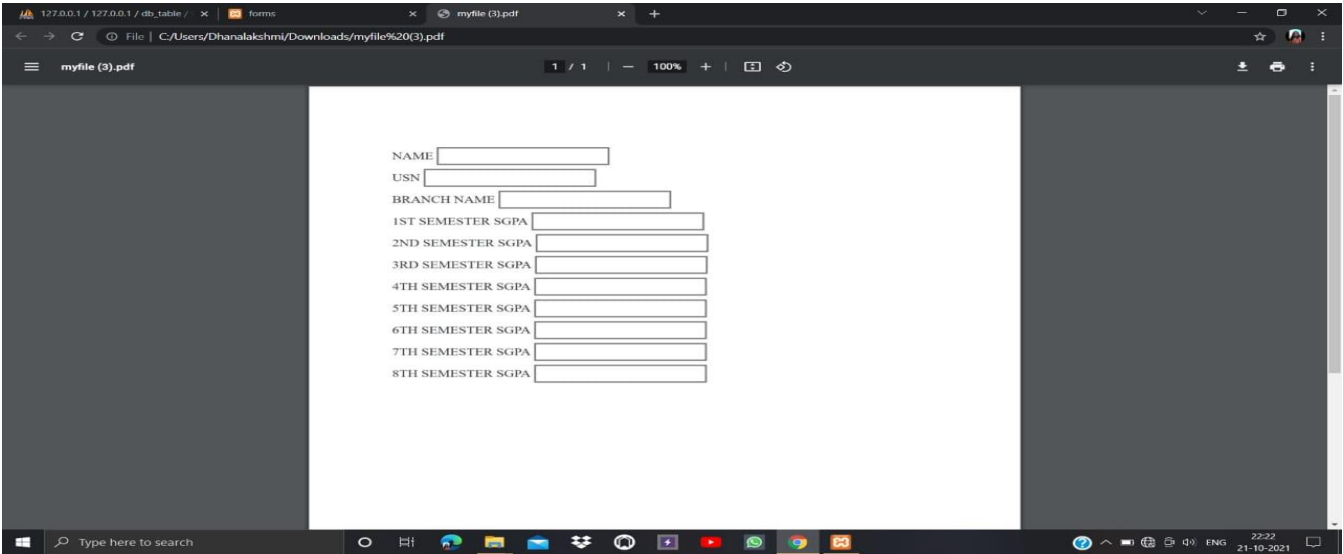
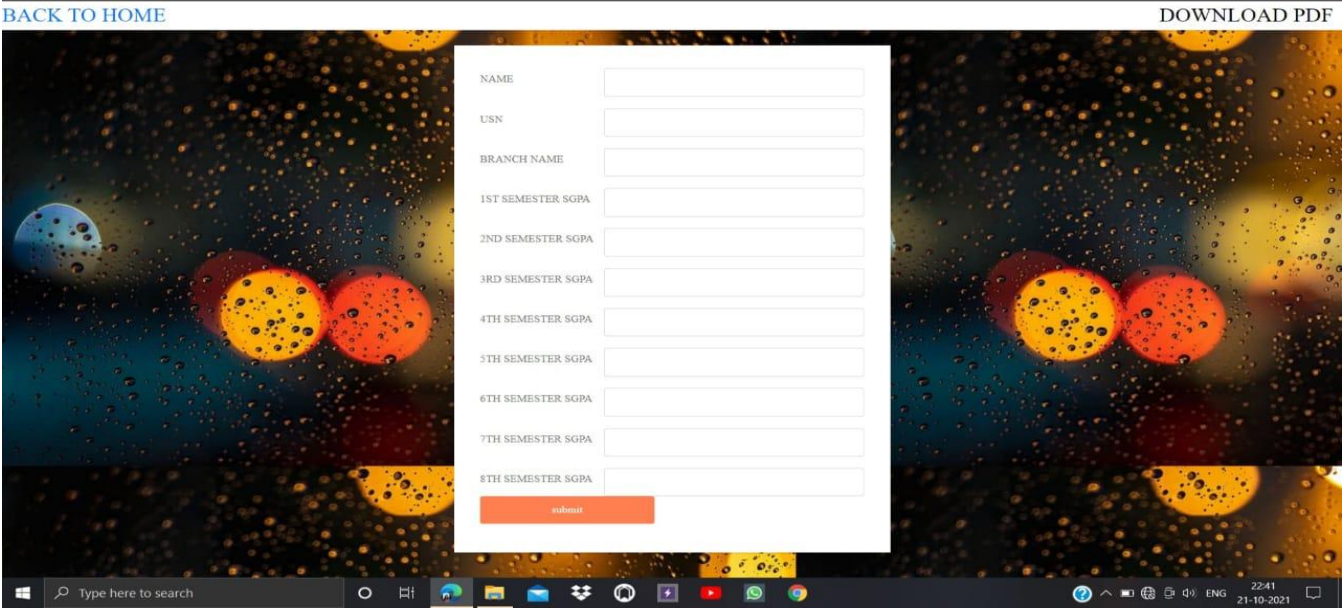
P1

## IMPLEMENTATION

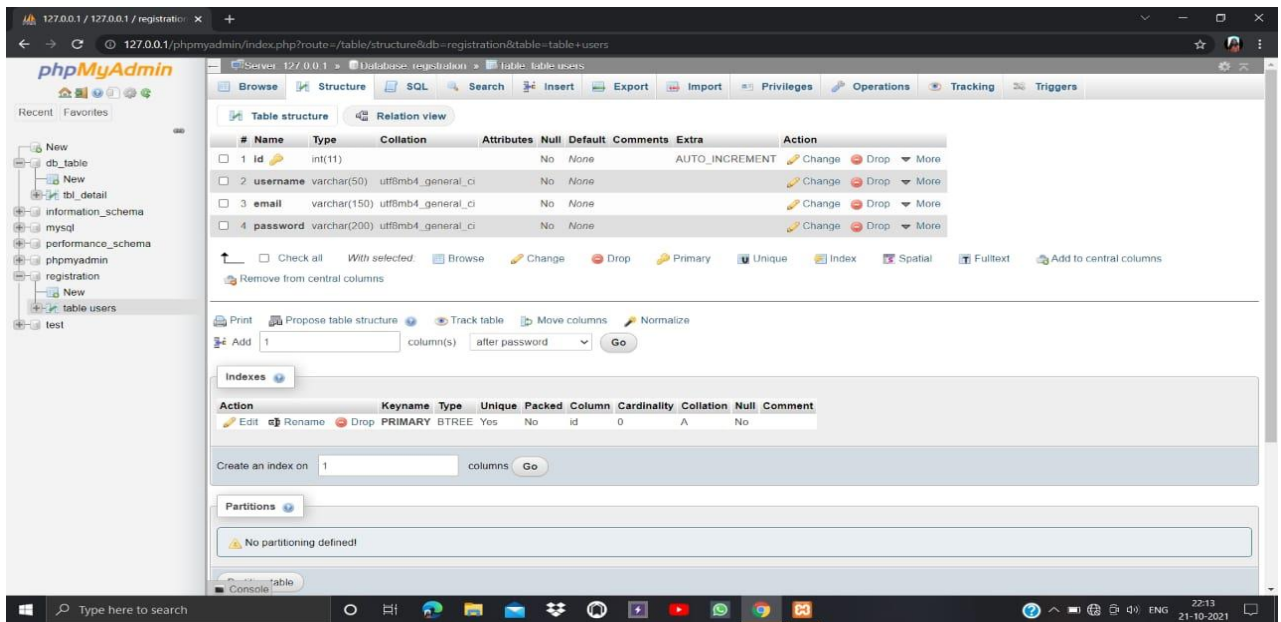
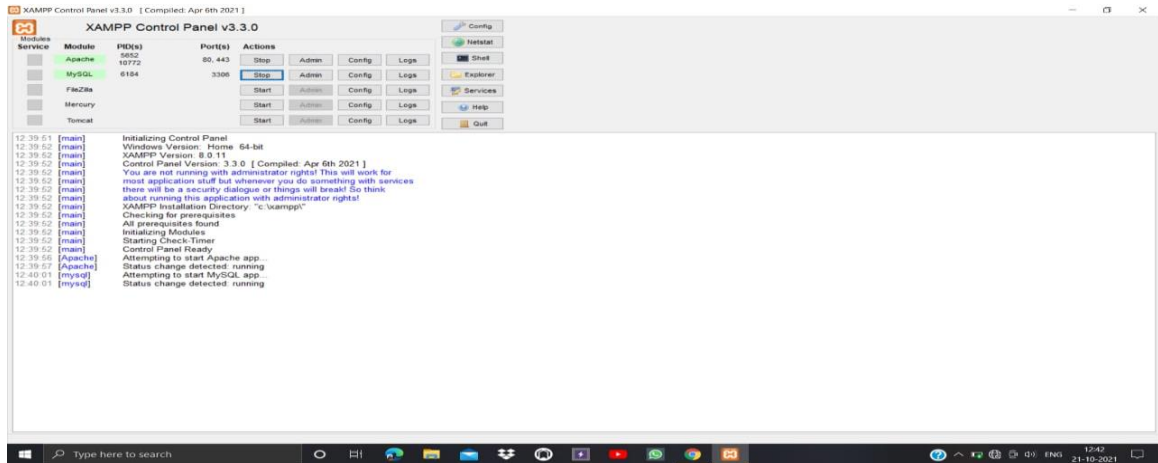
Snapshots:











127.0.0.1 / 127.0.0.1 / db\_table / x forms myfile (3).pdf x +

127.0.0.1/phpmyadmin/index.php?route=/table/structure&db=db\_table&table=tbl\_detail

phpMyAdmin

Recent Favorites

New db\_table New tbl\_detail information\_schema mysql performance\_schema phpmyadmin registration New table users test

Server: 127.0.0.1 Database: db\_table Table: tbl\_detail

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	fldname	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	fldusn	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	fldbranch	varchar(150)	utf8mb4_general_ci		No	None			Change Drop More
5	fld1sem	double			No	None			Change Drop More
6	fld2sem	double			No	None			Change Drop More
7	fld3sem	double			No	None			Change Drop More
8	fld4sem	double			No	None			Change Drop More
9	fld5sem	double			No	None			Change Drop More
10	fld6sem	double			No	None			Change Drop More
11	fld7sem	double			No	None			Change Drop More
12	fld8sem	double			No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after fld8sem Go

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
---------	------	--------	--------	--------	-------------	-----------	------	---------

Console

Type here to search

22:22 21-10-2021

## **BIBLIOGRAPHY**

- <https://www.w3schools.com>
- <https://www.geeksforgeeks.org>
- <https://freefrontend.com>

## **About my TEAM**

### **Pavithra S R(1DA19IS404)**

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