WEB TECHNOLOGIES AND E-commerce PROJECT

GYM REGISTRATION FORM

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INTRODUCTION

Welcome to the Gym Registration Form Project, a comprehensive solution designed to streamline the process of onboarding new members to our fitness facility. This project is developed to enhance the registration experience for both gym administrators and individuals seeking to embark on their fitness journey.

In the dynamic world of fitness and wellness, an efficient and user-friendly registration process is paramount. The Gym Registration Form Project addresses the need for a modernized, digital solution to replace traditional paper-based registration methods. This project is tailored to meet the unique requirements of our gym, ensuring a smooth and hassle-free registration process for all members.

Objectives:

The primary objectives of the Gym Registration Form Project are as follows:

1. **Efficient Onboarding:** Simplify the process of enrolling new members, reducing paperwork and minimizing the time required for registration.
2. **User-Friendly Interface**: Provide an intuitive and easy-to-navigate user interface for both administrators managing registrations and individuals completing the registration form.
3. **Data Accuracy:** Ensure accurate and up-to-date member information by implementing validation checks and data verification processes within the registration form.
4. **Accessibility:** Create a web-based platform that allows members to register from the convenience of their homes or any internet-enabled device.
5. **Integration:** Seamlessly integrate the registration form with our existing database and management systems to maintain a centralized repository of member information.

APPLICATIONS OF GYM REGISTRATION FORM

The Gym Registration Form, as part of a broader gym management system, serves various purposes and has applications that contribute to the smooth operation and enhanced experience for both gym administrators and members. Here are some key applications:

1. **New Member Enrollment**: The primary purpose of the gym registration form is to facilitate the enrollment of new members. It collects essential information such as personal details, contact information, health history, and membership preferences.
2. **Digital Onboarding**: Streamlines the onboarding process by replacing traditional paper forms with a digital solution. New members can complete the registration form online, reducing the need for manual data entry and paperwork.
3. **Data Accuracy and Integrity**: Ensures the accuracy and integrity of member data by implementing validation checks within the registration form. This helps prevent errors and inconsistencies in the information collected.
4. **Membership Customization**: Allows members to choose from different membership options, such as monthly, quarterly, or annual subscriptions. The form can also capture preferences for additional services or classes, enabling personalized memberships.
5. **Emergency Contact Information**: Collects emergency contact details, ensuring that the gym has essential information in case of emergencies or medical incidents during a workout session.
6. **Health and Fitness Assessment**: Incorporates sections for health and fitness assessments, allowing members to provide information about their current fitness level, health goals, and any pre-existing medical conditions. This information can be crucial for gym trainers and staff.

7. **Digital Signature and Agreement**: Includes a digital signature or agreement section where members can electronically acknowledge terms and conditions, waivers, or code of conduct, streamlining the legal and contractual aspects of membership.
8. **Payment Processing**: Integrates with payment gateways to enable online payment for membership fees. This simplifies the payment process for members and ensures timely processing of financial transactions.
9. **Member Communication**: Captures communication preferences, allowing the gym to send relevant updates, promotions, or announcements to members through preferred channels such as email or SMS.
10. **Membership Renewal**: Supports the renewal process by sending reminders to members as their membership expiration date approaches. Members can then easily renew their memberships through a streamlined renewal form.
11. **Integration with Gym Management Software**: Integrates seamlessly with the overall gym management system, ensuring that the information collected through the registration form is synchronized with other modules such as attendance tracking, class scheduling, and member analytics.
12. **Accessibility and Convenience**: Provides members with the convenience of accessing and completing the registration form from any device with internet connectivity, promoting a user-friendly and accessible experience.
13. **Regulatory Compliance**: Helps ensure compliance with data protection regulations and industry standards by implementing security measures to protect member data.

MODULES USED IN THE FORM

1. Personal Information Module:

Full Name:

Purpose: Captures the full name of the individual registering for the gym.
Validation: Ensures that the field is not empty and contains only letters and white spaces.

Email:

Purpose: Collects the email address of the user for communication purposes.

Validation: Checks for a valid email format using the FILTER_VALIDATE_EMAIL filter.

Address:

Purpose: Gathers the residential address of the individual.

Validation: Ensures that the address field is not empty.

Age:

Purpose: Records the age of the individual.

Validation: Requires a numeric value for the age field.

Phone:

Purpose: Captures the contact phone number of the user.

Validation: Requires a 10-digit numeric phone number.

2. Demographic Information Module:

Gender:

Purpose: Records the gender of the individual.

Validation: Ensures that the user selects a gender from the provided options (Male or Female).

3. Membership Details Module:

Date of Joining (doj):

Purpose: Captures the date when the individual joins the gym.

Validation: Ensures that the date of joining is not empty.

Membership Type:

Purpose: Allows the user to choose the type of membership (Basic or Premium).

Validation: Ensures that the user selects a membership type.

Membership Duration:

Purpose: Lets the user choose the duration of the membership (1 month, 3 months, 6 months, or 1 year).

Validation: Requires the user to select a membership duration.

CODE:

SUBMIT.PHP FILE

```
<?php
$errors = array();

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Validate Full Name
    if (empty($_POST["full_name"])) {
        $errors["full_name"] = "Full Name is required";
    } elseif (!preg_match("/^[a-zA-Z ]*$/", $_POST["full_name"])) {
        $errors["full_name"] = "Only letters and white space allowed
in Full
Name";
    }

    // Validate Email
    if (empty($_POST["email"])) {
        $errors["email"] = "Email is required";
    } elseif (!filter_var($_POST["email"], FILTER_VALIDATE_EMAIL))
{
        $errors["email"] = "Invalid email format";
    }

    // Validate Phone
    if (empty($_POST["phone"])) {
        $errors["phone"] = "Phone number is required";
```

```
    } elseif (!preg_match("/^\d{10}$/", $_POST["phone"])) {
        $errors["phone"] = "Phone number must be 10 digits";
    }

    // Validate Gender
    if (empty($_POST["gender"])) {
        $errors["gender"] = "Gender is required";
    }

    // Validate Date of
Joining     if
(empty($_POST["doj"])) {
        $errors["doj"] = "Date of Joining is required";
    }

    // Validate Membership Type
    if (empty($_POST["membership_type"])) {
        $errors["membership_type"] = "Membership Type is
required";
    }



    // If there are no errors, you can proceed with the
registration logic     if (empty($errors)) {
        // Database connection code...
        $servername = "localhost";
        $username = "root";
        $password = "";
```

```
    $dbname = "formdb";
    $conn = new mysqli($servername, $username, $password,
$dbname, 3307);

    // Check the
connection      if ($conn-
>connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    // Escape user inputs for security
    $full_name = $conn-
>real_escape_string($_POST["full_name"]);
    $email = $conn->real_escape_string($_POST["email"]);
    $address = $conn->real_escape_string($_POST["address"]);
    $age = $conn->real_escape_string($_POST["age"]);
    $phone = $conn->real_escape_string($_POST["phone"]);
    $gender = $conn->real_escape_string($_POST["gender"]);
    $doj = $conn->real_escape_string($_POST["doj"]);
    $membership_type = $conn-
>real_escape_string($_POST["membership_type"]);
    $duration = $conn->real_escape_string($_POST["duration"]);

    // Insert data into the database
    $sql = "INSERT INTO gym (full_name, email, address, age,
phone, gender, doj, membership_type, duration)
            VALUES ('$full_name', '$email', '$address', '$age',
'$phone',
'$gender', '$doj', '$membership_type', '$duration')";
```

```
        if ($conn->query($sql) === true) {
            // Registration successful, set a session variable
session_start();
            $_SESSION['registration_success'] = true;
        } else {
            // If the insertion fails, display an error
            $errors["database_error"] = "Error: " . $sql . "<br>" . $conn-
>error;
        }

        // Close the connection
        $conn->close();
    }
}

// Check if registration success session variable is set
session_start();
if (isset($_SESSION['registration_success']) &&
$_SESSION['registration_success']) {
    echo '<div class="success-container"><p
class="success">Record has been submitted!</p></div>';
    // Reset the session variable
    $_SESSION['registration_success'] = false;
}

?>
<!DOCTYPE html>
```

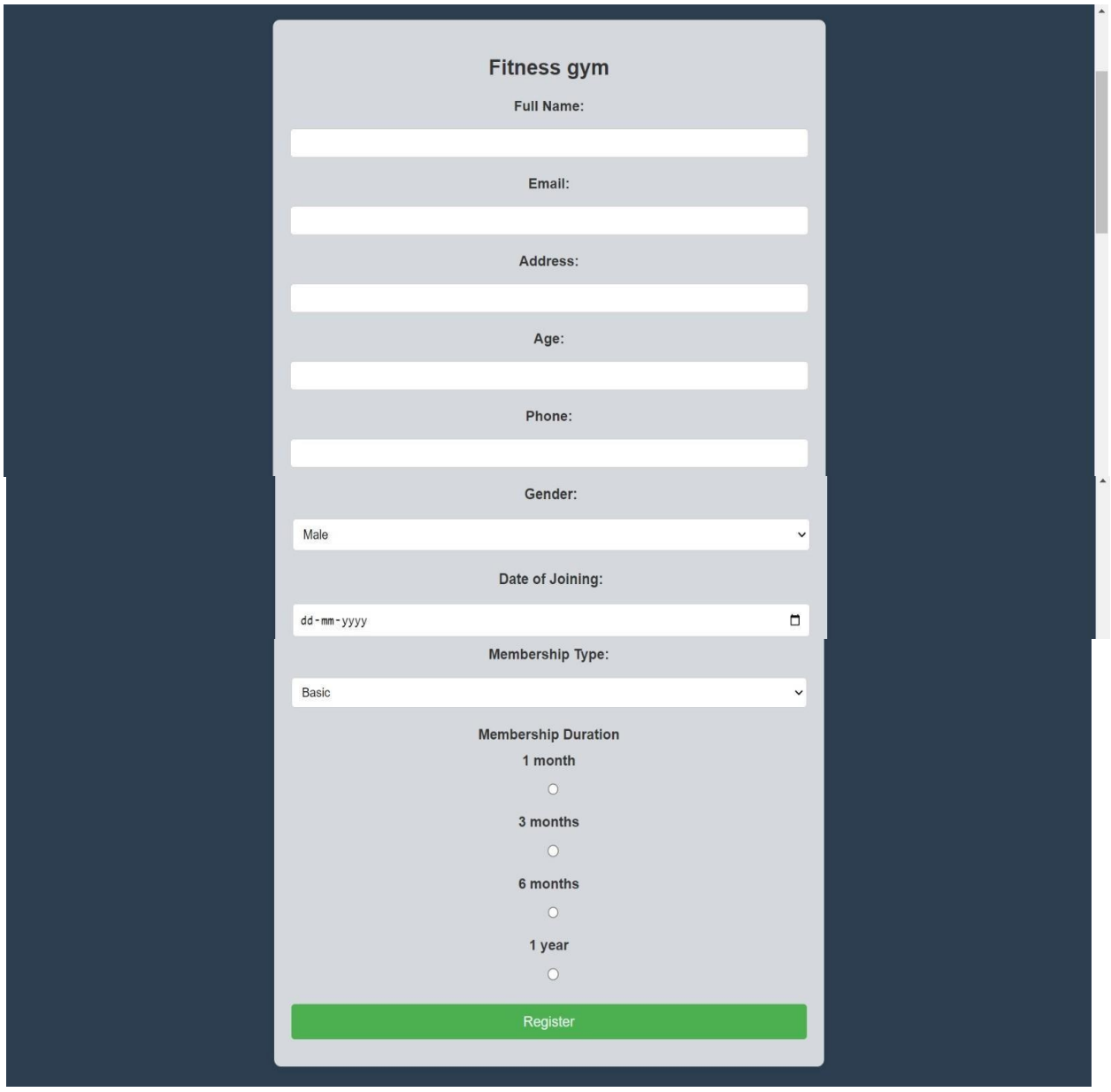
```
<html lang="en">
<head>
<meta charset="UTF-8">
   <meta name="viewport" content="width=device-width,
initialscale=1.0">
   <link rel="stylesheet" href="styles.css">
   <title>Gym Registration</title>
   <style>
body {
   font-family: 'Arial', sans-serif;
margin: 0;
   background: url('C:\Users\anshu\Downloads\gympic.jpg');
background-size: cover;
   background-color: #2c3e50; /* Fallback color */
}

.container {     max-
width: 600px;
margin: 200px auto;
   background-color: rgba(255, 255,
255, 0.8);     padding: 20px;     border-
radius: 8px;
   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
   text-align: center;
   color: #333;
}

.form-heading {
   margin-bottom: 20px;
```

```
}

.registration-form {
display: grid;     grid-
gap: 10px;
}

label {     font-
weight: bold;
   color: #333;
}

input, select {
width: 100%;
padding: 8px;     box-
sizing: border-box;
margin-top: 6px;
margin-bottom: 10px;
border: 1px solid #ccc;
   border-radius: 4px;
}

input[type="submit"] {
background-color:
#4CAF50;     color: azure;
padding: 10px 15px;
border: none;     border-
radius: 4px;     cursor:
pointer;
   font-size: 16px;
```

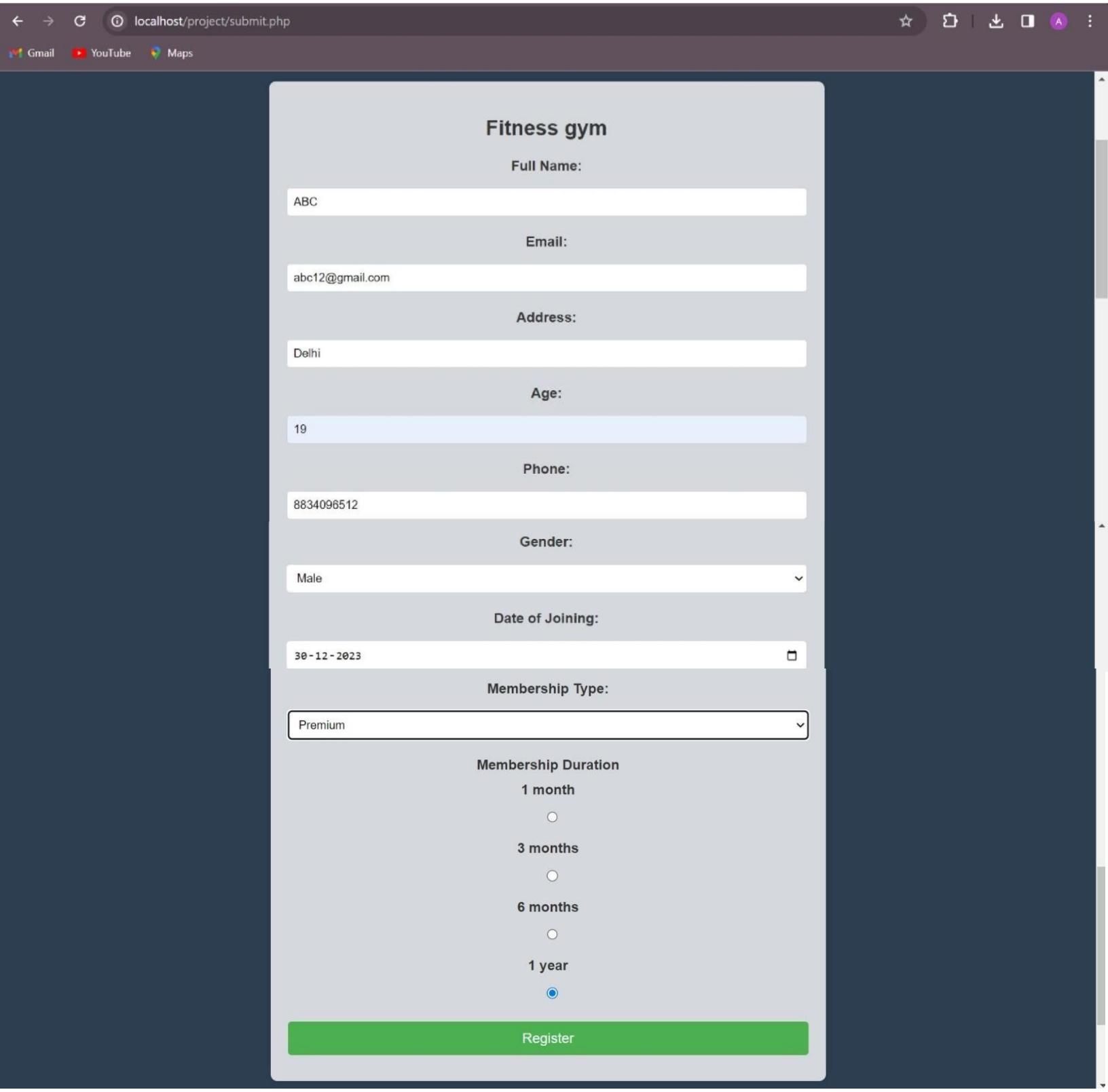
```
}

input[type="submit"]:hover {
   background-color:azure;
}
   </style>
</head>
<body>
   <div class="container">
      <h2 class="form-heading">Fitness gym</h2>

      <?php
      // Display errors if there are
any        if (!empty($errors)) {
          echo '<div class="error-container">';
foreach ($errors as $error) {
             echo '<p class="error">' . $error . '</p>';
          }
          echo '</div>';
      }
      ?>
<form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>"
method="post" class="registration-form">
      <label for="full_name">Full Name:</label>
         <input type="text" name="full_name" required>

         <label for="email">Email:</label>
```

```
<input type="email" name="email" required>

<label for="Address">Address:</label>
<input type="text" name="address" required>

<label for="age">Age:</label>
<input type="number" name="age" required>



<label for="phone">Phone:</label>
<input type="tel" name="phone" required>

<label for="gender">Gender:</label>
<select name="gender" required>
   <option value="male">Male</option>
   <option value="female">Female</option>
</select>

<label for="doj">Date of Joining:</label>
<input type="date" name="doj" required>

<label for="membership_type">Membership Type:</label>
<select name="membership_type" required>
   <option value="basic">Basic</option>
   <option value="premium">Premium</option>
</select>

<label for="duration">Membership Duration</label>
```

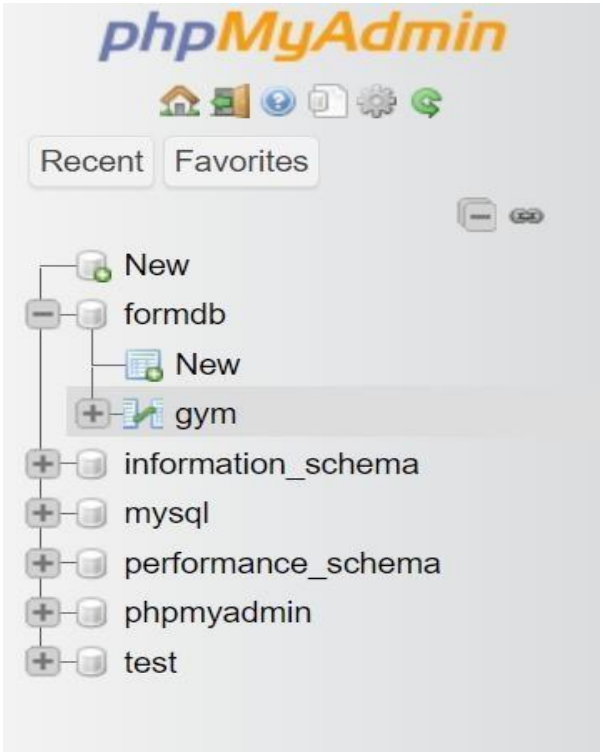
```
        <label for="duration">1 month</label>
        <input type="radio" name="duration" required>
        <label for="duration">3 months</label>
        <input type="radio" name="duration" required>
        <label for="duration">6 months</label>
        <input type="radio" name="duration" required>
        <label for="duration">1 year</label>
        <input type="radio" name="duration" required>

        <input type="submit" value="Register">
      </form>
    </div>
</body>
</html>
```

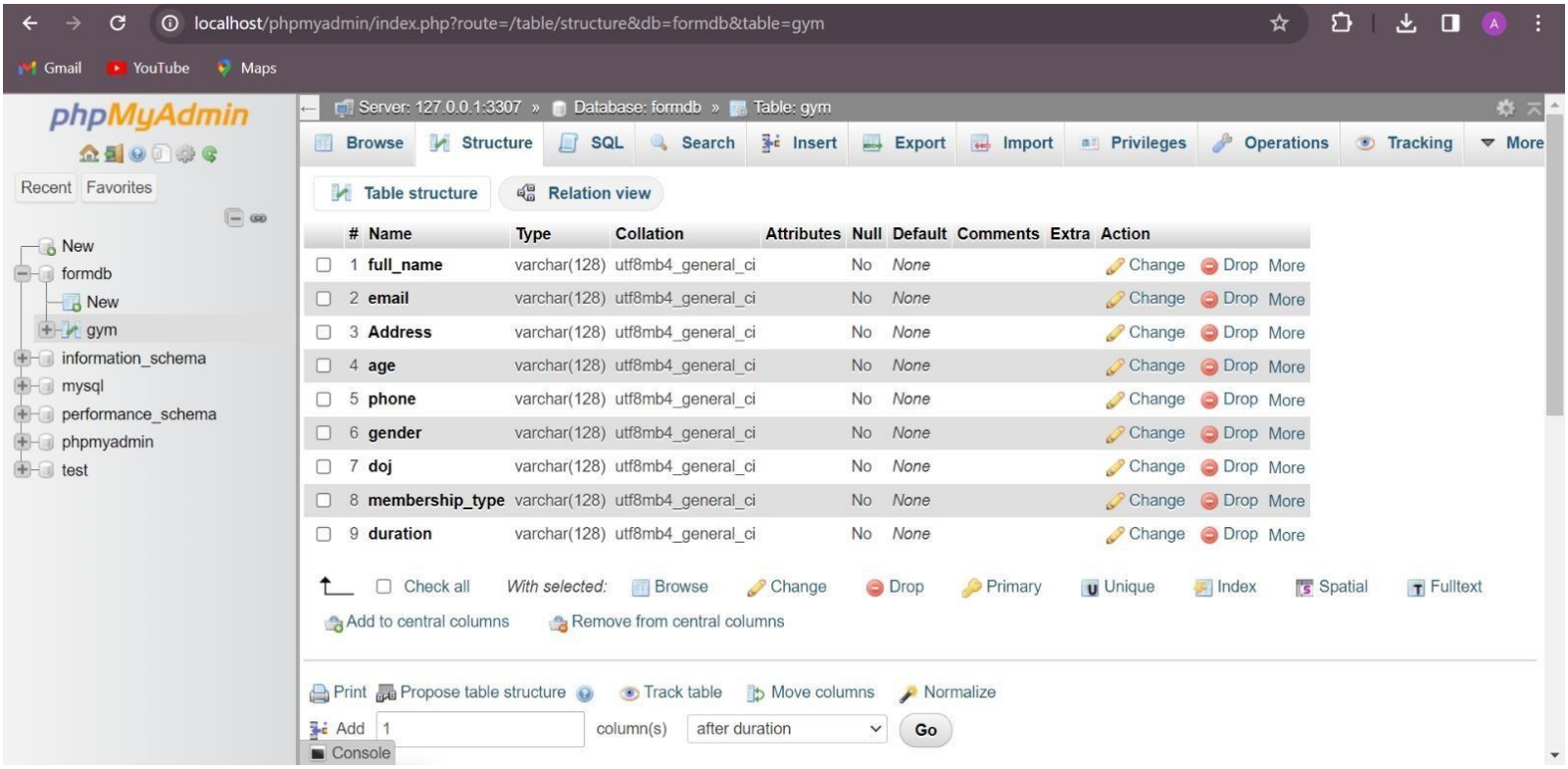


THIS IS THE FINAL FORM ALONG WITH STYLING TO MAKE IT ATTRACTIVE AFTER FILLING THE DETAILS, IT WILL LOOK LIKE THIS.

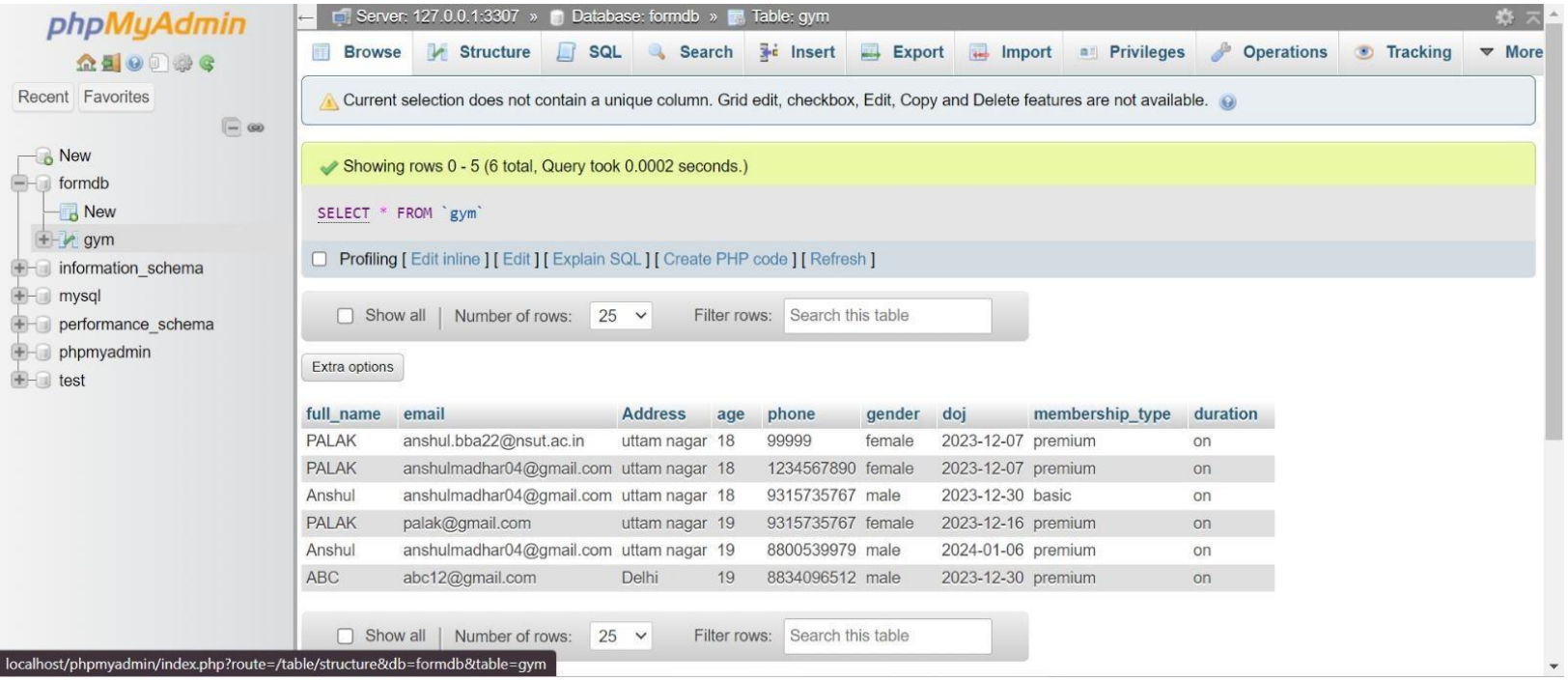


AFTER FILLING DETAILS, CLICK ON THE SUBMIT BUTTON AND THE DETAILS WILL BE SAVED IN THE DATABASE NAMED- formdb where the table created is – gym.


phpMyAdmin
Recent
Favorites
New
formdb
New
gym
information_schema
mysql
performance_schema
phpmyadmin
test


localhost/phpmyadmin/index.php?route=/table/structure&db=formdb&table=gym
Gmail
YouTube
Maps
phpMyAdmin
Recent
Favorites
New
formdb
New
gym
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1:3307 » Database: formdb » Table: gym
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
More
Table structure
Relation view
Name Type Collation Attributes Null Default Comments Extra Action
1 full_name varchar(128) utf8mb4_general_ci No None Change Drop More
2 email varchar(128) utf8mb4_general_ci No None Change Drop More
3 Address varchar(128) utf8mb4_general_ci No None Change Drop More
4 age varchar(128) utf8mb4_general_ci No None Change Drop More
5 phone varchar(128) utf8mb4_general_ci No None Change Drop More
6 gender varchar(128) utf8mb4_general_ci No None Change Drop More
7 doj varchar(128) utf8mb4_general_ci No None Change Drop More
8 membership_type varchar(128) utf8mb4_general_ci No None Change Drop More
9 duration varchar(128) utf8mb4_general_ci 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 duration Go
Console

Below shows data stored in the database.



CONCLUSION

In conclusion, the Gym Registration Form Project represents a significant step towards modernizing and optimizing the process of enrolling new members into our fitness facility. The project is designed with a usercentric approach, aiming to enhance the overall experience for both administrators and individuals embarking on their fitness journey.

As we implement and launch the Gym Registration Form, we anticipate positive outcomes, including improved operational efficiency, enhanced member satisfaction, and a more agile and responsive approach to managing gym memberships. The project sets the stage for further innovations and adaptations in response to evolving industry trends and user needs.

We extend our gratitude to the development team, stakeholders, and users who have contributed to the success of this project. Through the Gym Registration Form Project, we reinforce our commitment to providing a seamless and modern experience for individuals embracing a healthier lifestyle through our fitness facility.