Crunch Fitness Gym Online Management System

End Project Deliverables Report

Unit Code: CPRO306

Unit Title: Capstone Project

Team: A3

Lecturer Name: Mr. Syed Altaf

Student ID and Name:

K210155 - Tsering Dolma Lama

K210156 - Sandesh Gautam

K180612 - Saurabh Rameshkumar Bhatia

K201096 - Sandesh Gautam

K210032 - Samuel Ng

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1.0 Project management

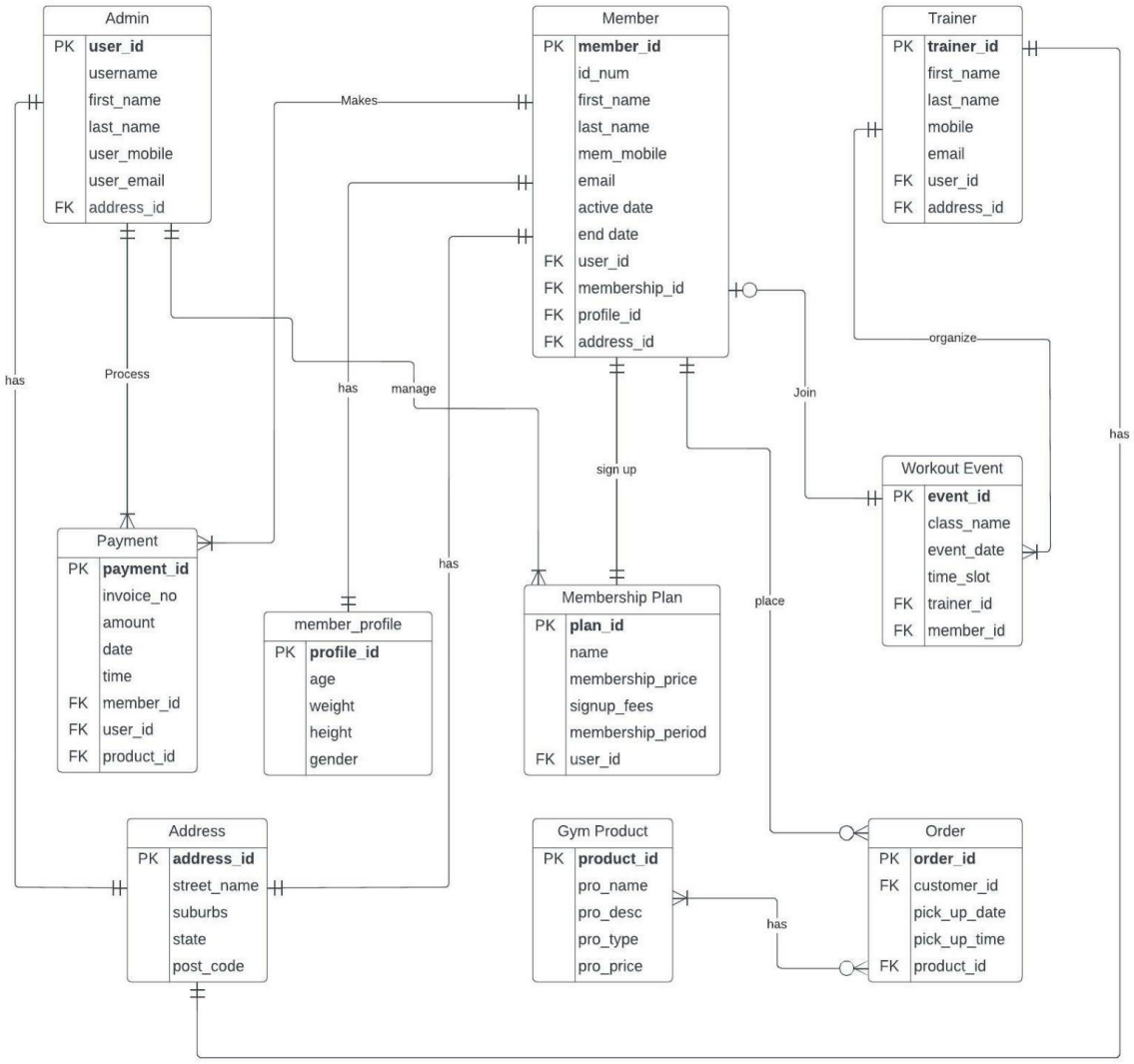
“Crunch Fitness” is a gym where the founders, a couple with over 45 years of combined experience, started their first location in the Sydney CBD in 2007 and then added locations in Victoria. Their workforce was extremely varied, and one of their goals is to influence more people to join Crunch fitness. This fitness center has a distinctive culture that does not discriminate based on your form, size, race, gender, or degree of fitness. To keep its members engaged, they provide a fantastic selection of gym packages, such as lower membership prices without any lock-in contracts to fit the members' budgets. Continually enhancing their exercise regimen while encouraging and rewarding their members at each stage of the process

“Crunchfitness.com” is a platform where anyone can have easy access to register, login as a member, trainer or Admin respectively. This website describes the gym with its attractive and user-friendly web design. Besides this, all the classes, available trainings are also visible in the respective pages. Moreover, the website also facilitates members/users to purchase and order gym related available equipment online with the help of online payment system.

Project management is a vital part of the project as it controls the progression of the project helps in successful completion of the project. In this project, we have a team of 5 having various roles. We have Programmer, Web Developer, Project manager working unitedly to finish the project with maximum output.

There are various stages in the project starting from planning. In this phase the overall structure and functioning of the website are discussed. After completing the planning, we started to design the program.

The following is the entity relation diagram of all the functional units involved in this project.



The website is completely designed and developed by using following tools, software and languages. 1. **HTML:** HTML is widely known as a markup language which has various versions used to design the website. With the help of HTML, we have designed the website in a way that, it is well presented, user friendly and carries multiple functionalities.

CSS: CSS is the programming language that is used to style the website. In simple words, CSS and HTML work together, CSS describes how HTML components should be displayed.

JAVASCRIPT: JavaScript is the widely used and popular programming language which is object-oriented scripting language. We have used JACASCRIPT to design our website, make our web applications more interactive.

MYSQL: MYSQL stands for MY STRUCTURED QUERY LANGUAGE. It is an open-source database product that implements the standard of SQL.

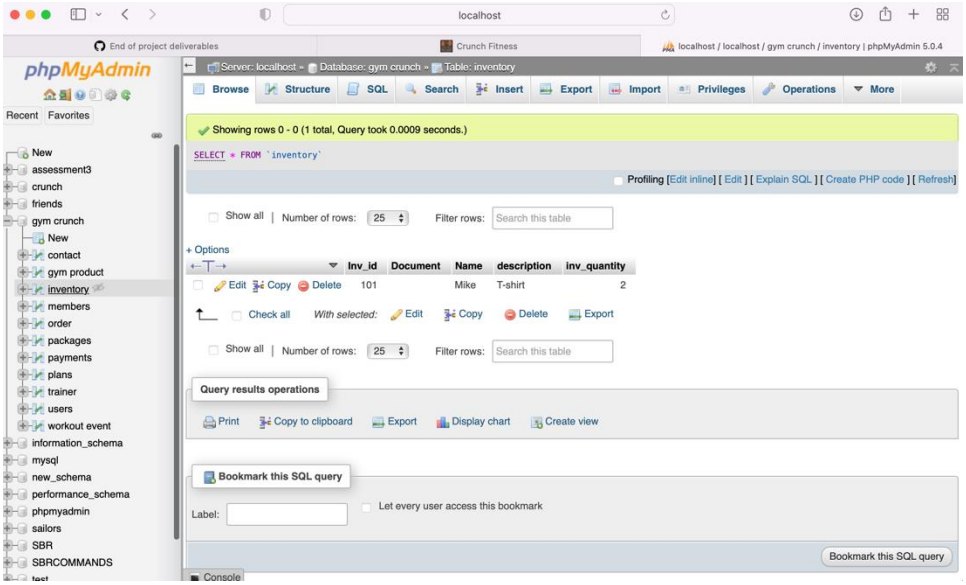
PHP: PHP is a multipurpose scripting language designed with web development in mind. PHP allows multiple users to use concurrently without additional hardware.

XAMPP: XAMPP is the cross-platform web server solution package which is open source and free. It consists of mainly of the Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming languages.

VISTUAL STUDIO: On your desktop, Visual Studio Code is a quick yet effective source code editor that runs on Windows, macOS, and Linux. It offers developers a setting in which to create software for desktop, mobile, and web platforms. It has a ton of capabilities, and you can create apps using a variety of languages, including C#, VB. Net, F#, J#, and C++.

2.0 constructions

2.1 Database Design



localhost

End of project deliverables | Crunch Fitness | localhost / localhost / gym crunch / packages | phpMyAdmin 5.0.4

phpMyAdmin

Recent Favorites

- New
- assessment3
- crunch
- friends
- gym crunch
  - New
  - contact
  - gym product
  - inventory
  - members
  - order
  - packages
  - payments
  - plans
  - trainer
  - users
  - workout event
- information_schema
- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR

Server: localhost » Database: gym crunch » Table: packages

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | More

Showing rows 0 - 0 (1 total, Query took 0.0015 seconds.)

```
SELECT * FROM `packages`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refres

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

	id	package	description	amount
Edit Copy Delete	2	Sample Package	Program sample + trainer	3500

Check all *With selected:* Edit Copy Delete Export

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

Bookmark this SQL query

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- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR
- SBRCOMMANDS

Server: localhost » Database: gym crunch » Table: payments

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | More

Showing rows 0 - 1 (2 total, Query took 0.0014 seconds.)

```
SELECT * FROM `payments`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	id	registration_id	amount	Date	time	member_id	user_id	product_id
Edit Copy Delete	1	2	4500	0000-00-00	0000-00-00 00:00:00.0	2147483647	0	0
Edit Copy Delete	2	2	3500	0000-00-00	0000-00-00 00:00:00.0	2147483647	0	0

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Console | Bookmark this SQL query

localhost

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  - users
  - workout event
- information_schema
- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR
- SBRCOMMANDS
- test

Server: localhost » Database: gym crunch » Table: contact

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | More

Showing rows 0 - 0 (1 total, Query took 0.0007 seconds.)

```
SELECT * FROM `contact`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

	contact_id	firstname	lastname	email	mobile	subject_contact	message_contact
Edit Copy Delete	34	Samuel Y Loon	Ng	samuel6249ng@gmail.com	402473847	Becoming a member	I wanted to be a PT

Check all With selected: Edit Copy Delete Export

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

Bookmark this SQL query

Console

localhost

End of project deliverables | Crunch Fitness | localhost / localhost / gym crunch / members | phpMyAdmin 5.0.4

phpMyAdmin

Recent Favorites

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  - payments
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  - users
  - workout event
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- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR
- SBRCOMMANDS
- test
- testweek 5
- video collection

Server: localhost » Database: gym crunch » Table: members

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 5 (6 total, Query took 0.0007 seconds.)

```
SELECT * FROM `members`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	member_id	username	firstname	lastname	email	mobile	password	gender	startdate	enddate
Edit Copy Delete	30	SAM	Samuel	Ng	samuel@gmail.com	41111111	438f6c644703f7597d75e9672869175e	male	10/01/23	10/01/24
Edit Copy Delete	41	123213213	123123	123213	123123@1232134	12312321	202cb962ac59075b964b07152d234b70	male		
Edit Copy Delete	42	8867867	67867	678	678678@w	234	202cb962ac59075b964b07152d234b70	female		
Edit Copy Delete	43	Long	4234	23423	3423@234234	32423	long	female		
Edit Copy Delete	44	234234	234234	234234	samuel6249ng@gmail.com	3423432	202cb962ac59075b964b07152d234b70	female		
Edit Copy Delete	45	Paul_Logan	Paul	Logan	Paul@fitness.com	411111111	81dc9bdb52d04dc20036dbd8313ed055	male		

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

localhost

End of project deliverables | Crunch Fitness | localhost / localhost / gym crunch / gym product | phpMyAdmin 5....

phpMyAdmin

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- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR
- SBRCOMMANDS
- test

Server: localhost » Database: gym crunch » Table: gym product

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | More

Showing rows 0 - 0 (1 total, Query took 0.0013 seconds.)

```
SELECT * FROM `gym product`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

	product_id	Pro_Name	Pro_desc	Pro_type	Pro_price	Image_url	size	color
Edit Copy Delete	101	Protine Powder	MUSASHI 4kg Value Bundle – Plant Protein Powder		70	[BLOB - 255 B]	33	Black

Check all With selected: Edit Copy Delete Export

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

Bookmark this SQL query

localhost

End of project deliverables | Crunch Fitness | localhost / localhost / gym crunch / plans | phpMyAdmin 5.0.4

phpMyAdmin

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- information_schema
- mysql
- new_schema
- performance_schema
- phpmyadmin
- sailors
- SBR
- SBRCOMMANDS
- test

Server: localhost » Database: gym crunch » Table: plans

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | More

Showing rows 0 - 0 (1 total, Query took 0.0007 seconds.)

```
SELECT * FROM `plans`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

	Plan_id	Name	Membership_price	Signup_fees	membership_period	user_id	Membership_pacakage
Edit Copy Delete	1		1000	0	NULL	0	

Check all With selected: Edit Copy Delete Export

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

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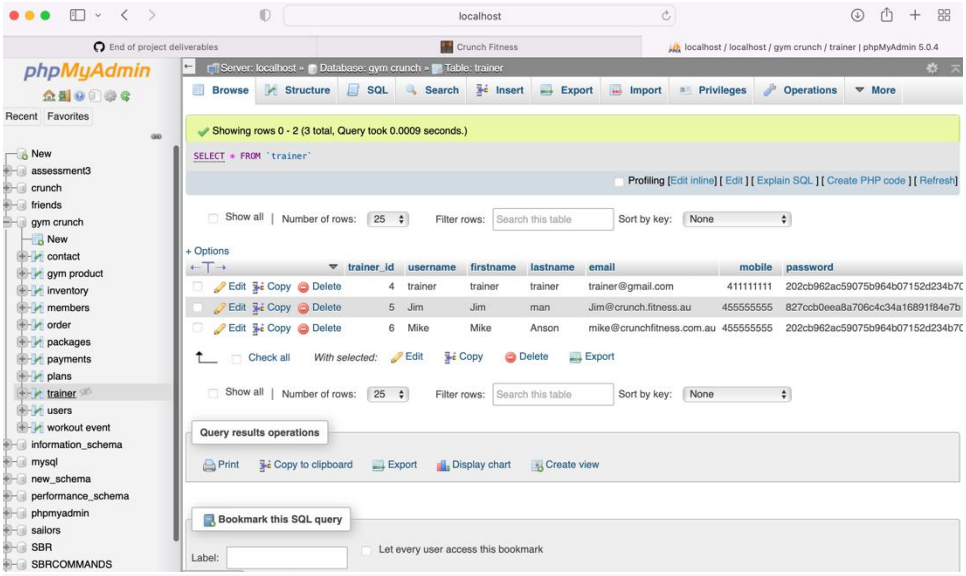
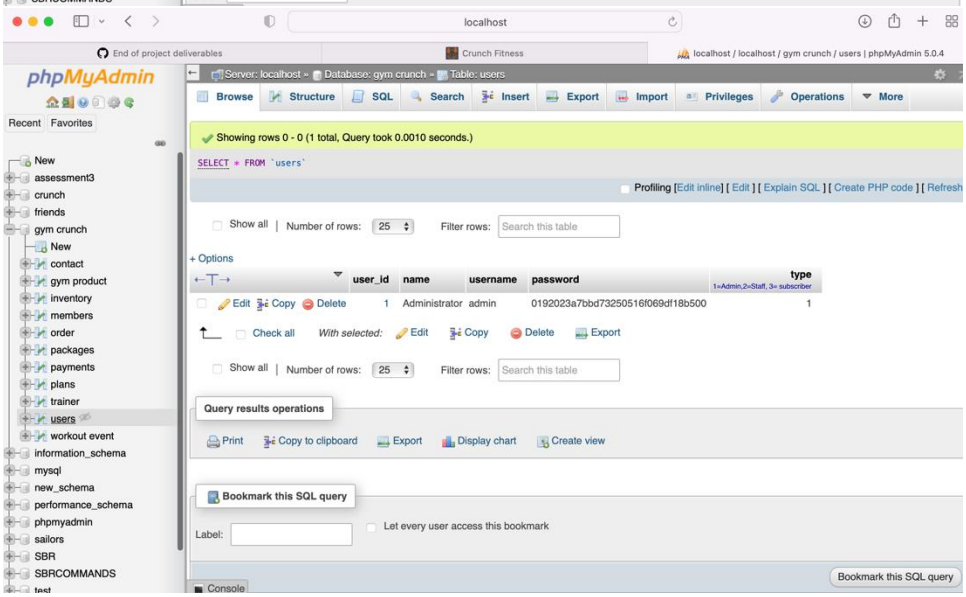
Console

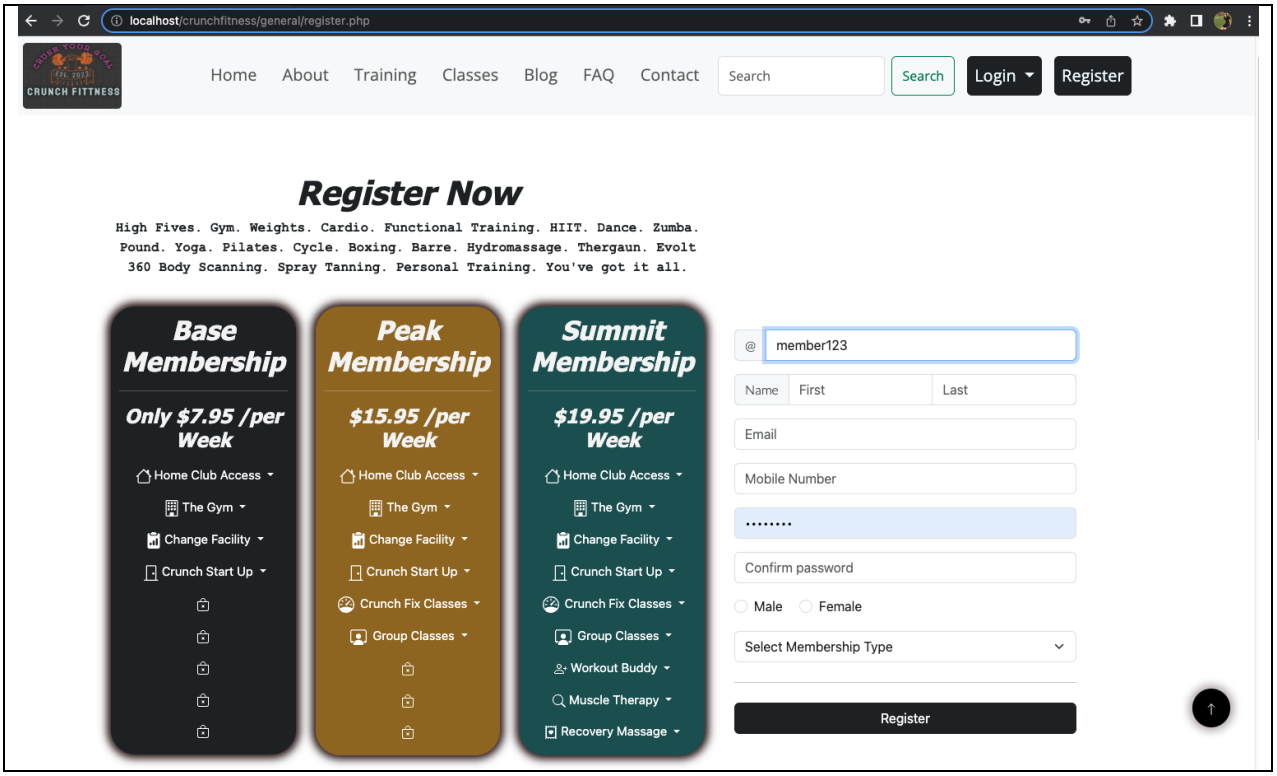
Bookmark this SQL query





2.2 Front End Design

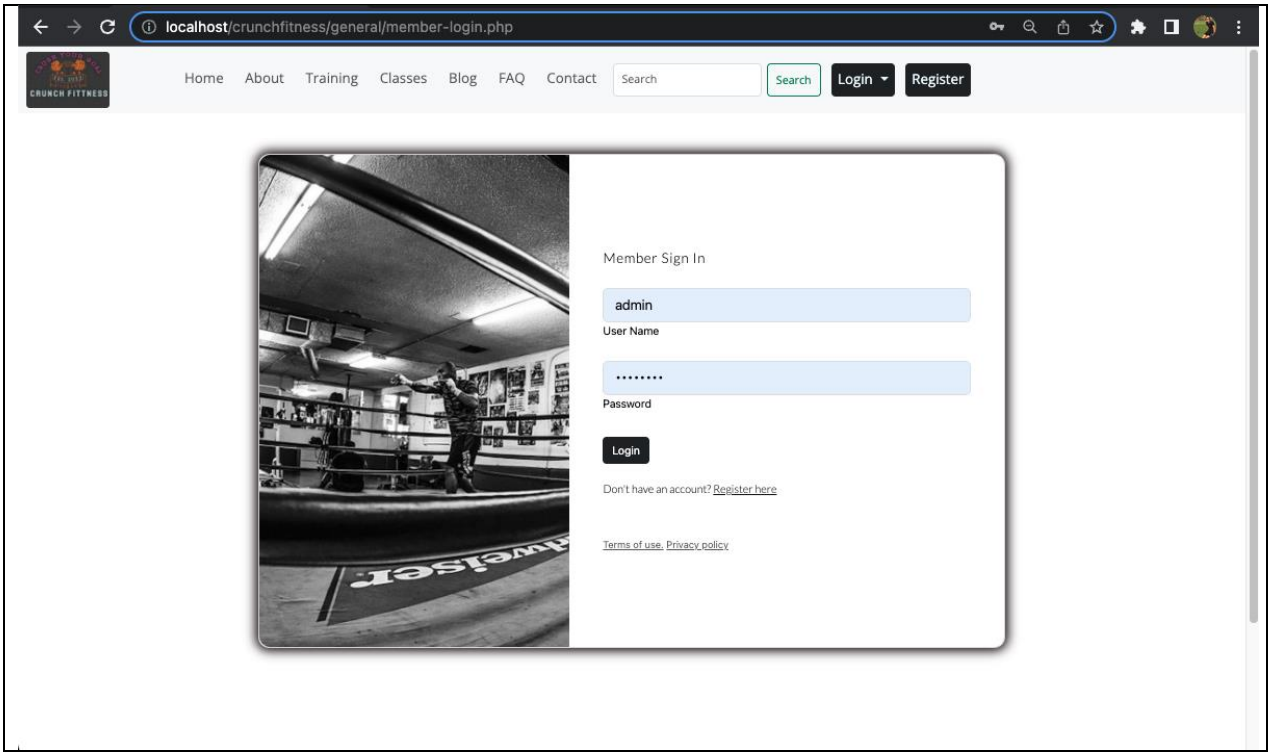
2.2.1-Member register: general/register.php



general/sever.php

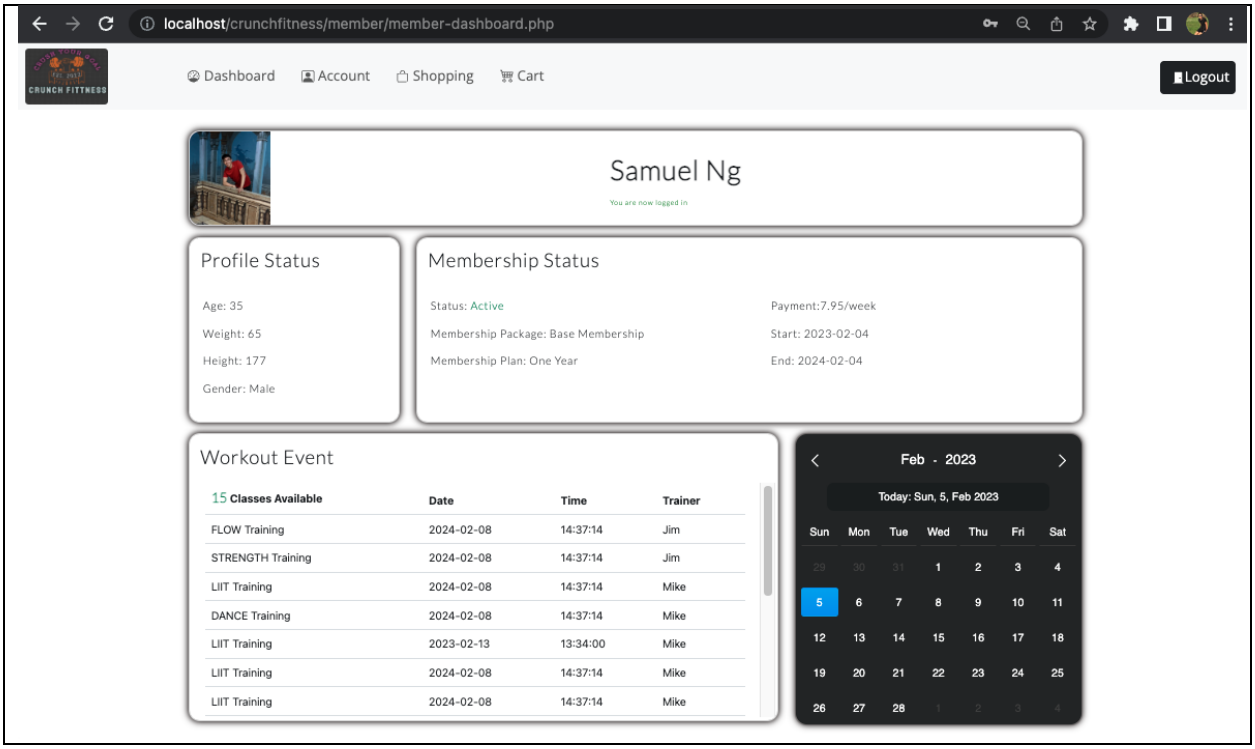
```php
$errors = array();

// connect to the database
include "dbcon.php";
// REGISTER USER
if (isset($_POST['reg_user'])) {
  // receive all input values from the form
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
  $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
  $email = mysqli_real_escape_string($db, $_POST['email']);
  $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
  $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
  $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);
  $gender = mysqli_real_escape_string($db, $_POST['gender']);
  $membership_id = mysqli_real_escape_string($db, $_POST['membership_id']);
  $status = mysqli_real_escape_string($db, $_POST['status']);




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



  // first check the database to make sure
  // a user does not already exist with the same username and/or email
  $user_check_query = "SELECT * FROM members WHERE username='$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 exist");
    }

    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

    $query = "INSERT INTO members (username, firstname, lastname, email, mobile, password, gender, address, age, m_weight, height, membership_id, user_image, status)
          VALUES('$username', '$firstname', '$lastname', '$email', '$mobile', '$password', '$gender','$address', '$age', '$m_weight', '$height', '$membership_id', '$user_image', '$status')";
    mysqli_query($db, $query);
    $_SESSION['username'] = $username;
    $_SESSION['success'] = "You are now logged in";
    header('location: ../member/member-dashboard.php');
  }
}
```

2.2.2-Member login: general/member-login.php



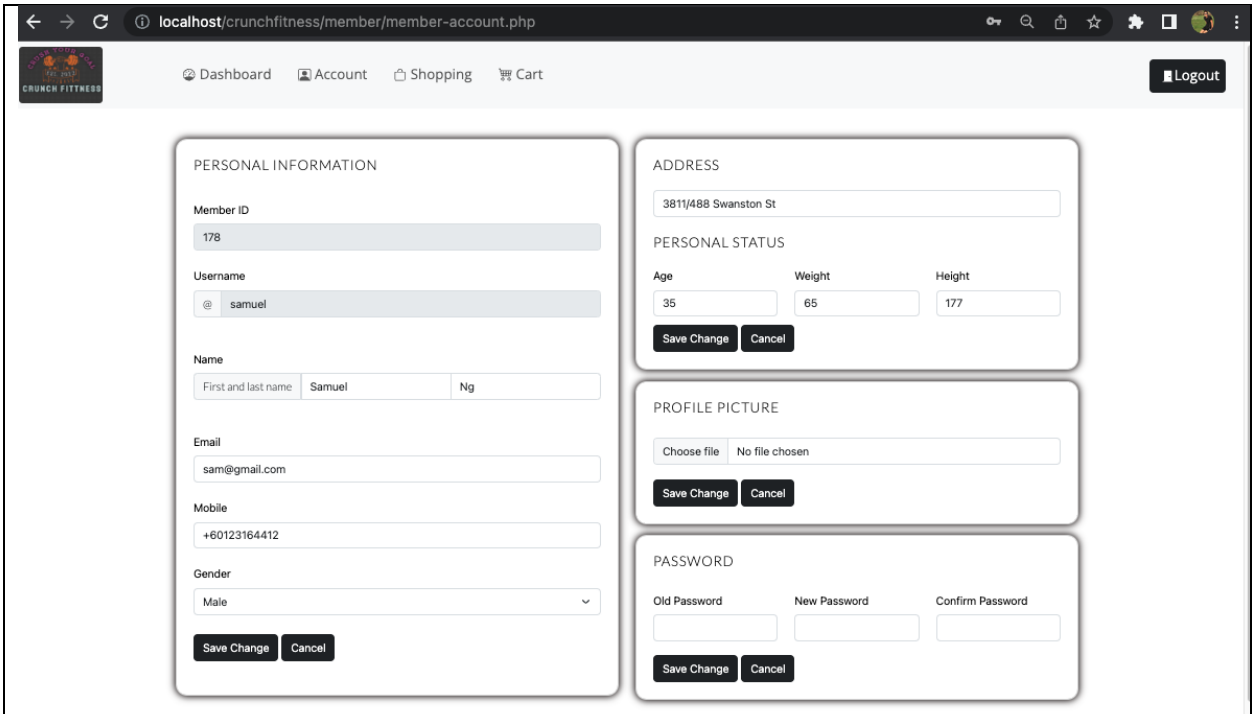
```php
// LOGIN Members
if (isset($_POST['login_member'])) {
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $password = mysqli_real_escape_string($db, $_POST['password']);

  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);
    $query = "SELECT * FROM members WHERE username='$username' AND password='$password'";
    $results = mysqli_query($db, $query);
    $user = mysqli_fetch_assoc($results);
    if (mysqli_num_rows($results) == 1) {
      $_SESSION['username'] = $username;
      $_SESSION['member_id'] = $user['member_id'];
      $_SESSION['success'] = "You are now logged in";
      header('location: ../member/member-dashboard.php');
    }else {
      array_push($errors, "Wrong username/password combination");
    }
  }
}
```

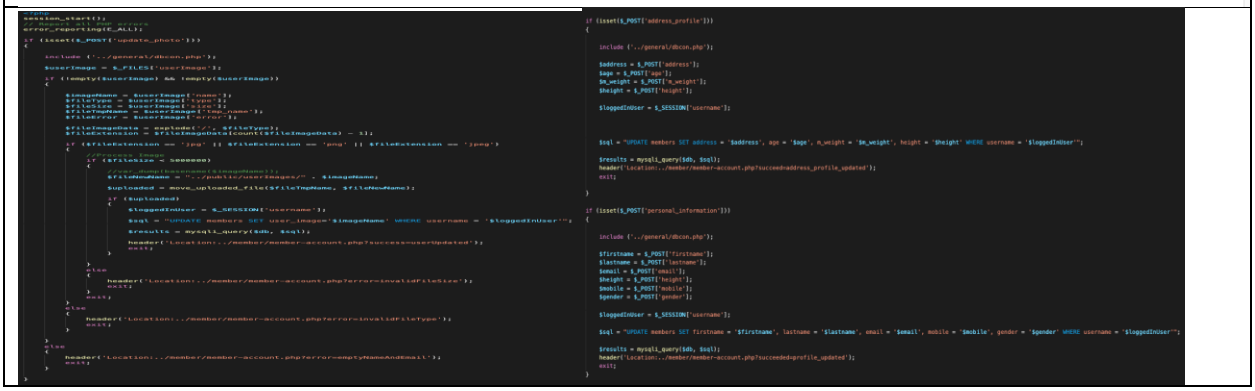
2.2.3-Member dashboard: member/member-dashboard.php



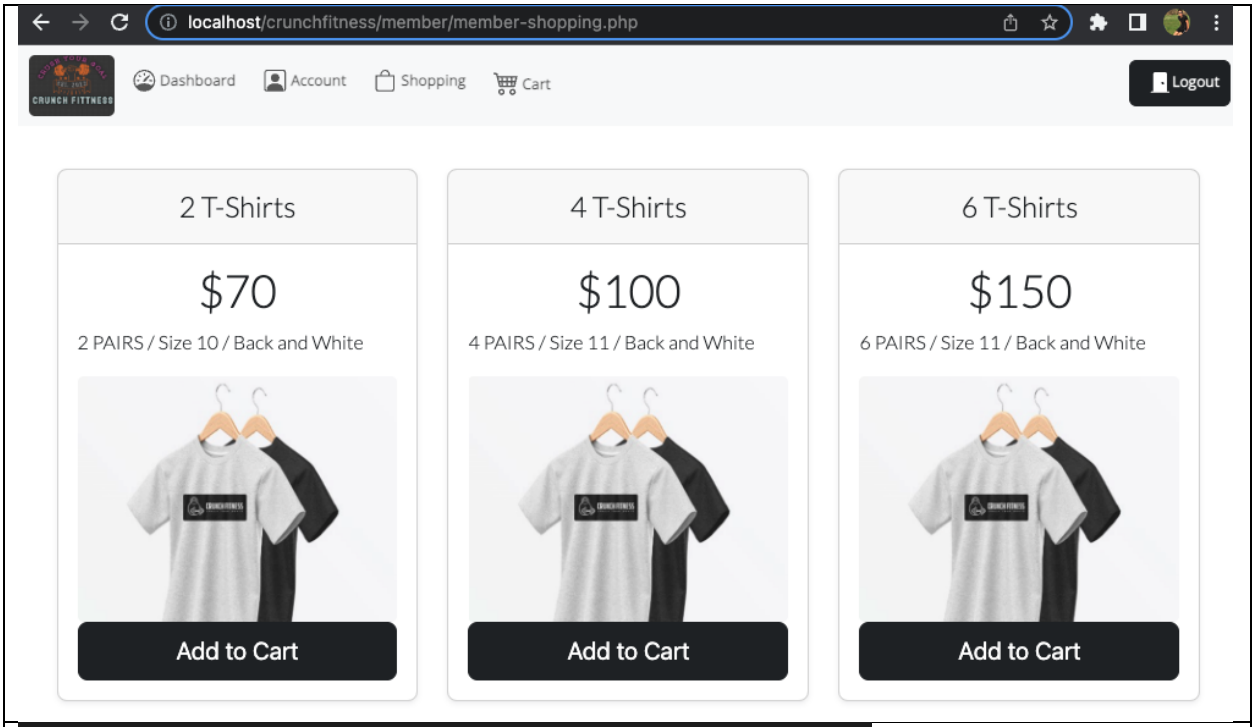
```php
<?php
$currentUser = $_SESSION['username'];
$sql = "SELECT * FROM members INNER JOIN membership ON members.membership_id = membership.membership_id WHERE username ='$currentUser'";
$gotResuslts = mysqli_query($db,$sql);
if($gotResuslts){
    if(mysqli_num_rows($gotResuslts)>0){
        while($row = mysqli_fetch_array($gotResuslts)){
            ?>


<div class="container">
    <div class="row">
      <div class="col-sm">
        <div class="card w-100" style="border-radius: 1rem; box-shadow: 0 0 9px 1px rgb(15, 6, 6)">
       <div class="d-flex profile-img">
        <div class="dashboard-img">
        <img src="../public/userImages/<?php print_r($row['user_image']); ?>">
      </div>
        <div class="d-flex justify-content-center align-items-center w-100">
          <div class="profile-content">
            <h1 class="fw-normal p-3" style="letter-spacing: 1px;">
            <p><strong>

            <?php echo ucfirst($row['firstname']); echo str_repeat(' ', 1); echo ucfirst($row['lastname']);?>

          </strong></p>

                <!-- logged in user information -->

          <?php if (isset($_SESSION['success'])) : ?>
            <div class="error success" >
              <h5 style="font-size:10px; position:absolute; color:green;">
                <?php
                  echo $_SESSION['success'];
                  unset($_SESSION['success']);
                ?>
              </h5>
            </div>
          <?php endif ?>
          </h1>
          </div>
        </div>
       </div>
        </div>
      </div>
    </div>
    <div class="row">
      <div class="col-sm-3 mt-3">
        <div class="card w-100" style="border-radius: 1rem; box-shadow: 0 0 9px 1px rgb(15, 6, 6)">
          <h3 class="fw-normal m-2 p-2" style="letter-spacing: 1px;">Profile Status</h3>
          <div class="dashboard-content">
            <p class="fw-normal" style="letter-spacing: 1px;">Age: <?php echo $row['age']; ?></p>
            <p class="fw-normal" style="letter-spacing: 1px;">Weight: <?php echo $row['m_weight']; ?> </p>
            <p class="fw-normal" style="letter-spacing: 1px;">Height: <?php echo $row['height']; ?> </p>
            <p class="fw-normal" style="letter-spacing: 1px;">Gender: <?php echo ucfirst($row['gender']); ?> </p>
          </div>
        </div>
      </div>
      <div class="col-sm-9 mt-3 d-flex">
        <div class="card w-100" style="border-radius: 1rem; box-shadow: 0 0 9px 1px rgb(15, 6, 6)">
          <h3 class="fw-normal m-2 p-2" style="letter-spacing: 1px;">Membership Status</h3>
          <div class="row">
            <div class="col">
              <div class="dashboard-content">
                <p class="fw-normal" style="letter-spacing: 1px;">Status: <span class="text-success"><?php echo ucfirst($row['status']); ?></span></p>
                <p class="fw-normal" style="letter-spacing: 1px;">Membership Package: <?php echo $row['Name']; ?></p>
                <p class="fw-normal" style="letter-spacing: 1px;">Membership Plan: One Year</p>
              </div>
            </div>
            <div class="col">
              <div class="dashboard-content">
                <p class="fw-normal" style="letter-spacing: 1px;">Payment:<?php echo $row['membership_price']; ?>/week</p>
                <p class="fw-normal" style="letter-spacing: 1px;">Start: <?php echo $row['startdate']; ?></p>
                <p class="fw-normal" style="letter-spacing: 1px;">End: <?php echo $row['enddate'] = date('Y-m-d', strtotime('+1 year', strtotime($row['startdate']))); ?> </p>
              </div>
```

2.2.4-Member account: member/member-account.php



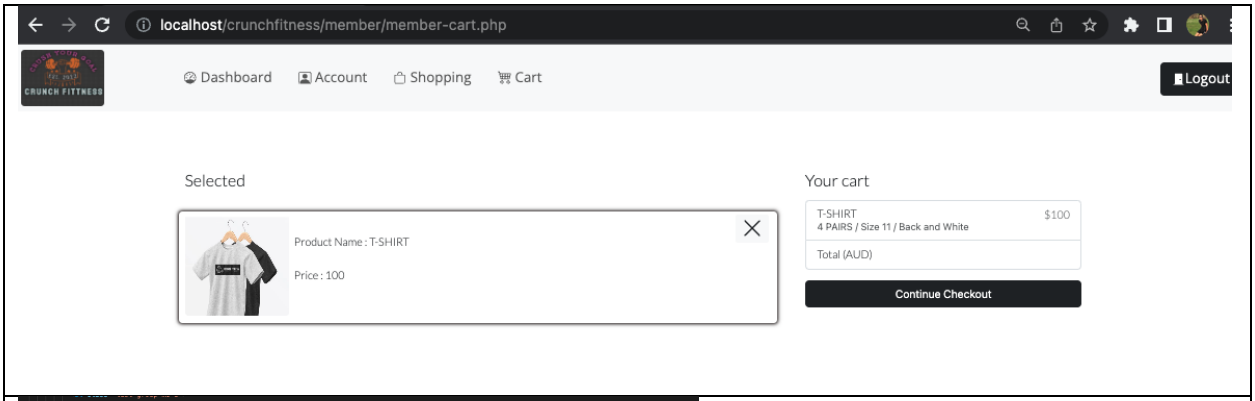


2.2.5-Member shopping: member/member-shopping.php



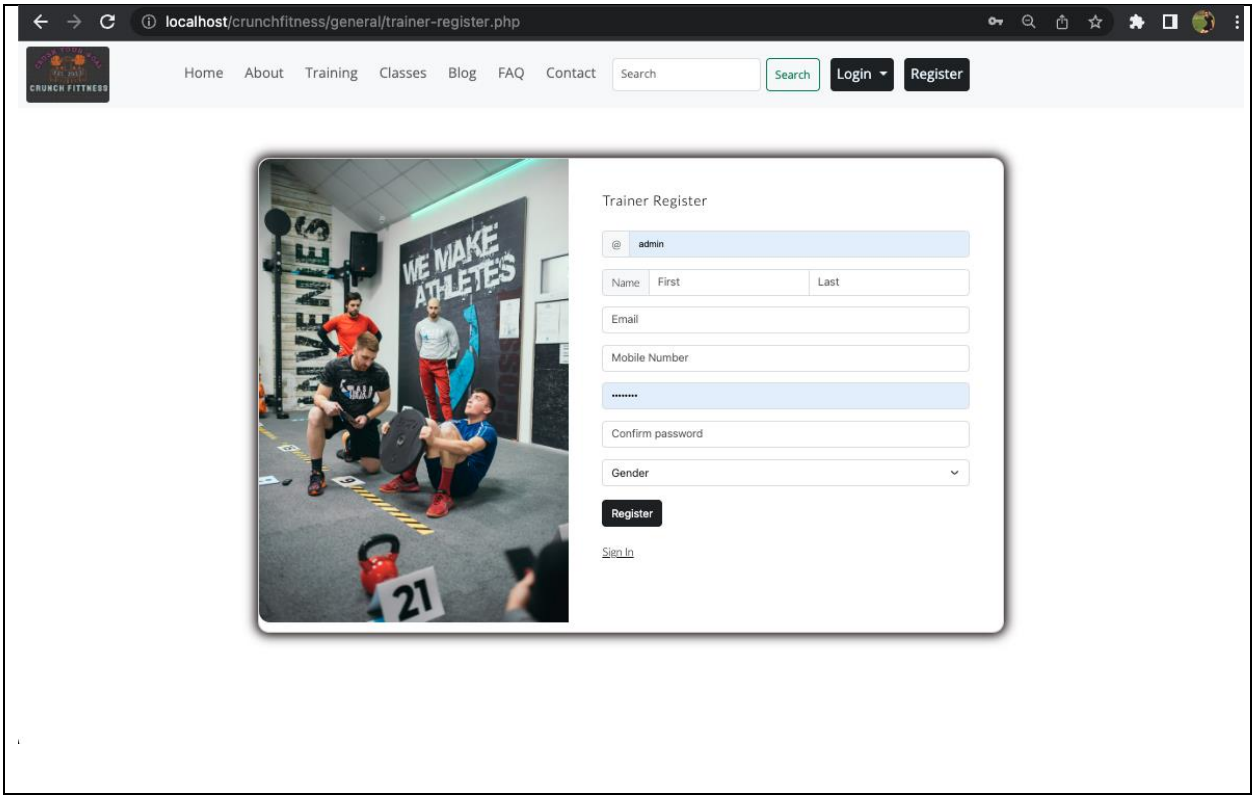

```php
if (isset($_POST['buy_product']))
{

    include ('../general/dbcon.php');


    $member_id = $_SESSION['member_id'];
    $product_id = $_POST['buy_product'];



    $sql = "INSERT INTO order_cart (member_id, product_id, quatity)
    VALUES('$member_id', '$product_id', '1')";

    $results = mysqli_query($db, $sql);
    header('Location:../member/member-shopping.php?succeeded=profile_updated');
    exit;
}
```

2.2.6-Member Cart: member/member-cart.php



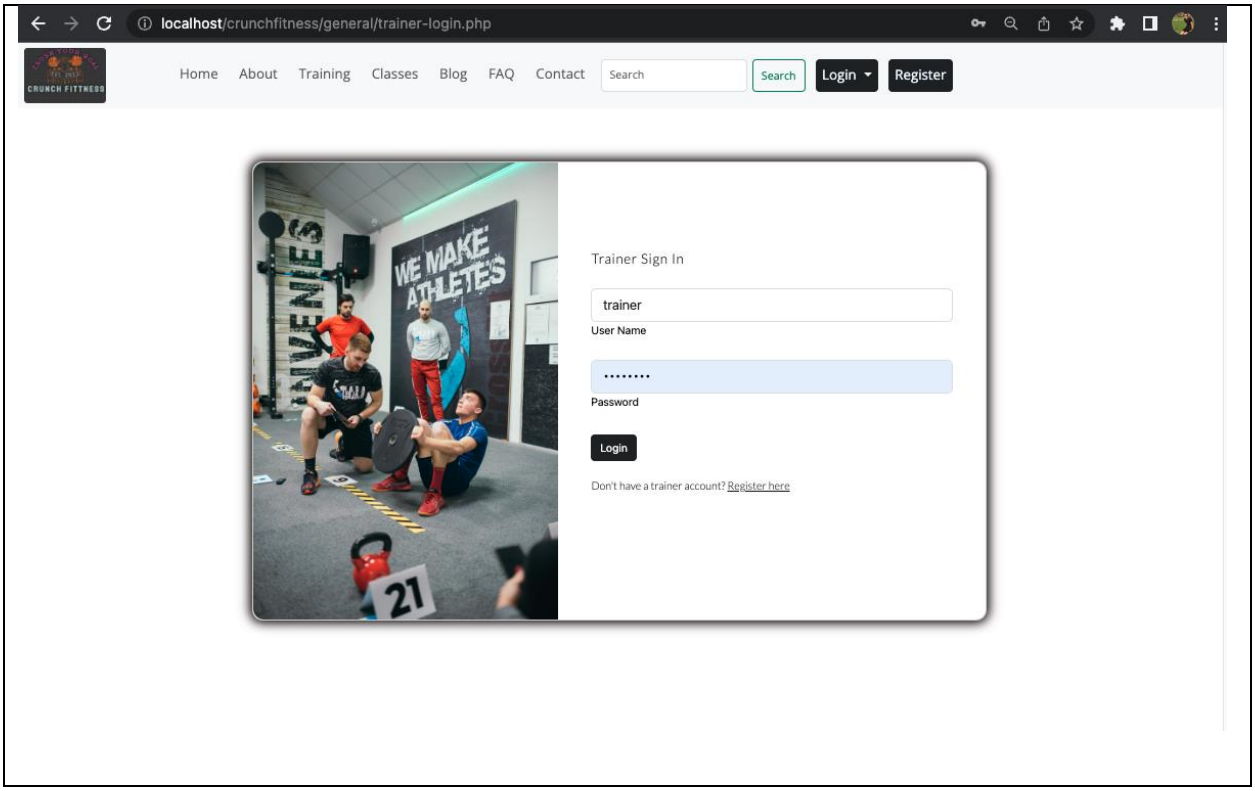

```php
<?php
$currentUser = $_SESSION['username'];
$sql = "SELECT * FROM members
    INNER JOIN order_cart ON members.member_id = order_cart.member_id
    INNER JOIN product ON product.product_id = order_cart.product_id
    WHERE username ='$currentUser'";

$gotResuslts = mysqli_query($db, $sql);
if ($gotResuslts)
{
    if (mysqli_num_rows($gotResuslts) > 0)
    {
        while ($row = mysqli_fetch_array($gotResuslts))
        {
?>

<li class="list-group-item d-flex justify-content-between lh-sm">
            <div>
              <h6 class="my-0"><?php echo ucfirst($row['pro_Name']); ?></h6>
              <small class="text-muted"><?php echo ucfirst($row['pro_desc']); ?></small>
            </div>
            <span class="text-muted">$<?php echo ucfirst($row['pro_price']); ?></span>
          </li>



                <?php
        }
    }
}

?>


          <li class="list-group-item d-flex justify-content-between">
            <span>Total (AUD)</span>
          </li>
        </ul>
        <button type="button" class="btn btn-dark" style="width: 100%;" data-bs-toggle="modal" data-bs-target="#exampleModal"> Continue Checkout </button>
      </div>
      <div class="col-md-7 col-lg-8">
        <div class="row g-3">
          <h4 class="mb-3">Selected</h4>


          <?php
$currentUser = $_SESSION['username'];
$sql = "SELECT * FROM members
    INNER JOIN order_cart ON members.member_id = order_cart.member_id
    INNER JOIN product ON product.product_id = order_cart.product_id
    WHERE username ='$currentUser'";

$gotResuslts = mysqli_query($db, $sql);
if ($gotResuslts)
{
    if (mysqli_num_rows($gotResuslts) > 0)
    {
        while ($row = mysqli_fetch_array($gotResuslts))
        {
?>
```

2.2.7-Trainer Register: general/trainer-register.php



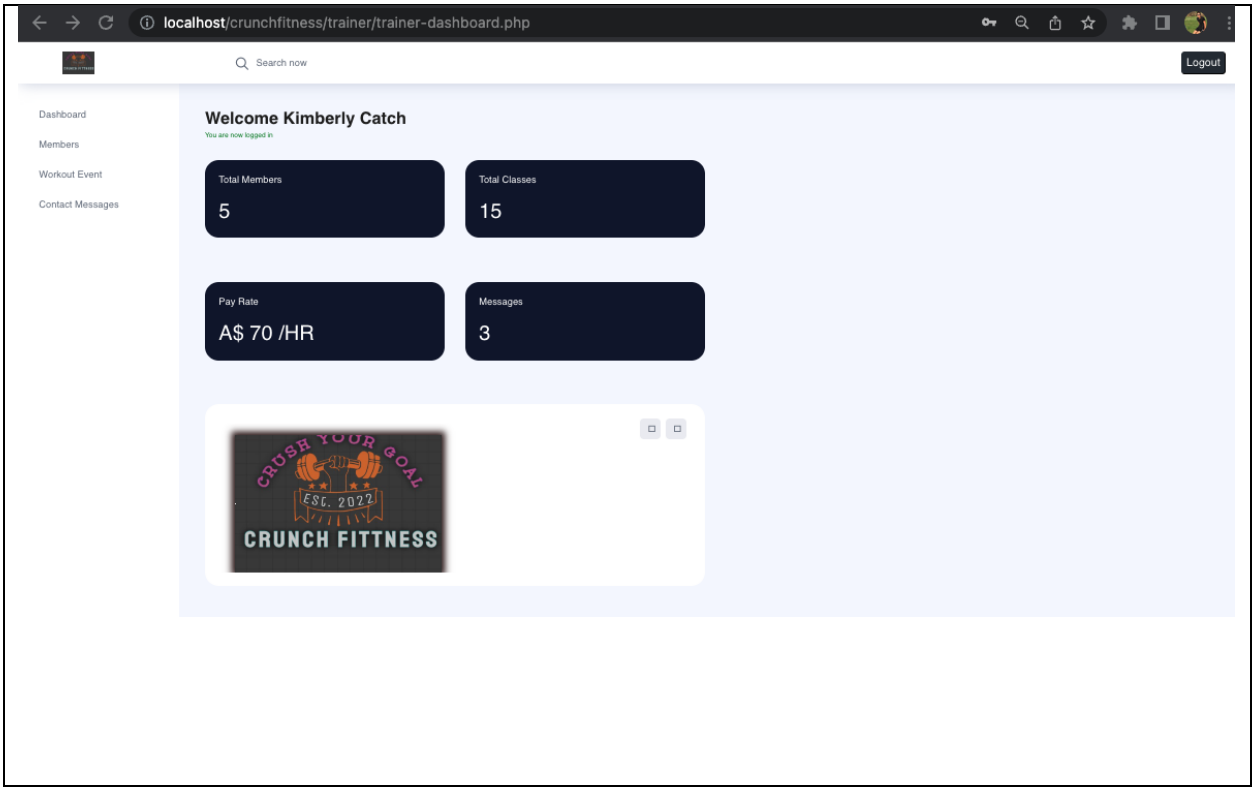
```php
// Trainer Register

if (isset($_POST['trainer_register'])) {
  // receive all input values from the form
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
  $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
  $email = mysqli_real_escape_string($db, $_POST['email']);
  $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
  $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
  $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);
  $gender = mysqli_real_escape_string($db, $_POST['gender']);



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


  // first check the database to make sure
  // a user does not already exist with the same username and/or email
  $user_check_query = "SELECT * FROM trainer WHERE username='$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

    $query = "INSERT INTO trainer (username, firstname, lastname, email, mobile, password, gender, hourly_rate)
          VALUES('$username', '$firstname', '$lastname', '$email', '$mobile', '$password', '$gender', '$hourly_rate')";
    mysqli_query($db, $query);
    $_SESSION['username'] = $username;
    $_SESSION['success'] = "You are now logged in";
    header('location: ../trainer/trainer-dashboard.php');
  }
}
```

2.2.8-Trainer login : general/trainer-login.php



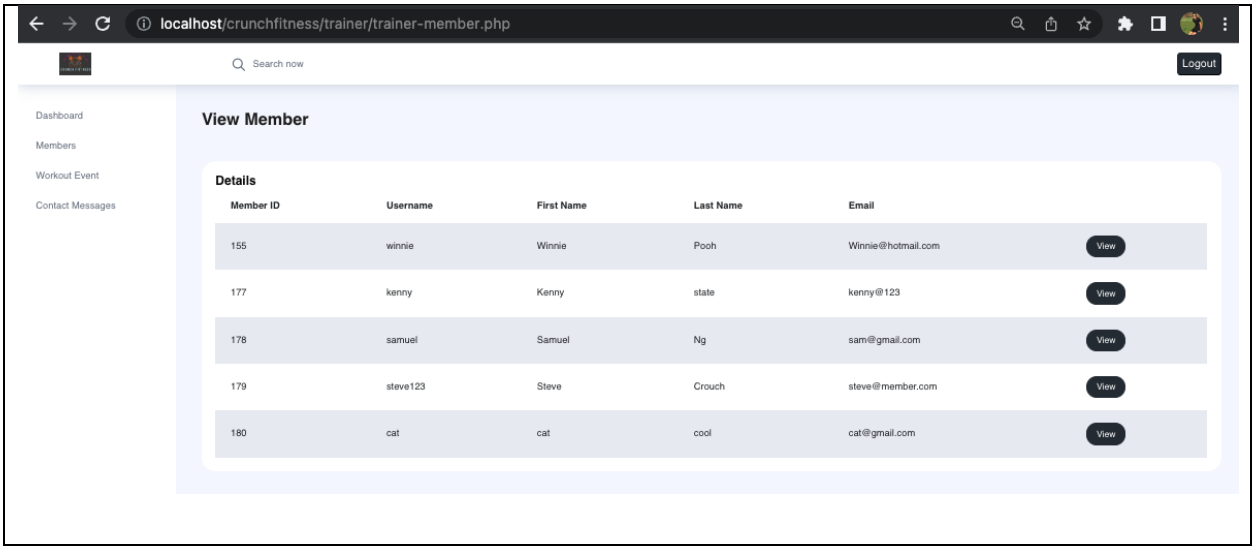
```php
  // LOGIN Trainer
if (isset($_POST['login_trainer'])) {
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $password = mysqli_real_escape_string($db, $_POST['password']);

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

2.2.9-Trainer dashboard: trainer/ trainer-dashboard.php



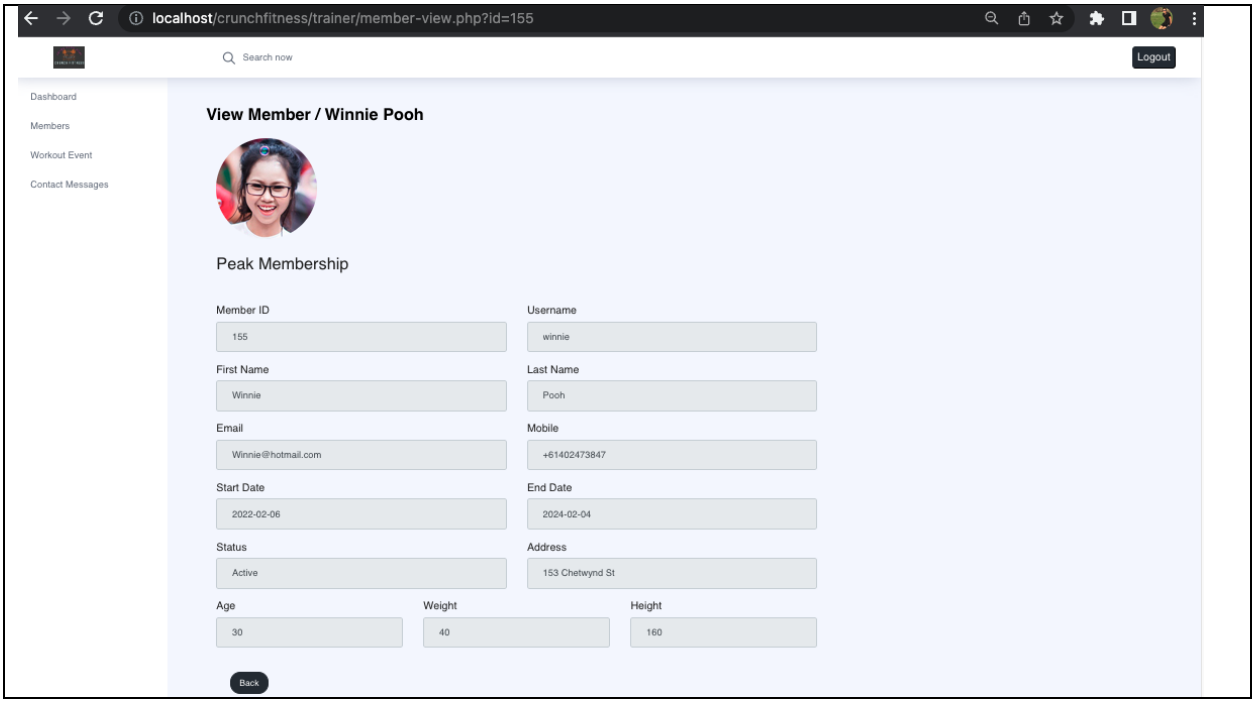
```php
<strong>Welcome
<?php
        include('../general/dbcon.php');
        $currentUser = $_SESSION['username'];
        $sql = "SELECT * FROM trainer WHERE username ='$currentUser'";

        $gotResuslts = mysqli_query($db,$sql);

        if($gotResuslts){
            if(mysqli_num_rows($gotResuslts)>0){
                while($row = mysqli_fetch_array($gotResuslts)){
                    //print_r($row['user_name']);
                    ?>


<?php echo ucfirst($row['firstname']); echo str_repeat(' ', 1); echo ucfirst($row['lastname']);?>

                    <?php
                }
            }
        }
        ?></strong>
      </h3>




</strong></h3>

  <?php if (isset($_SESSION['success'])) : ?>
  <div class="error success" >
    <h5 style="font-size:10px; position:absolute; color:green;">
      <?php
        echo $_SESSION['success'];
        unset($_SESSION['success']);
      ?>
    </h5>
  </div>
<?php endif ?>
```

2.2.10-Trainer List Member: trainer/ trainer-member.php



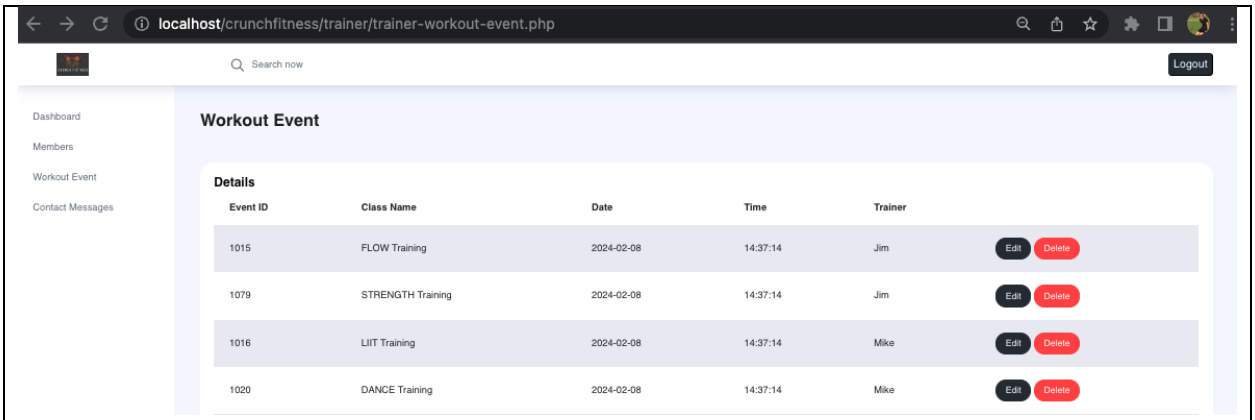
```php
$query = "SELECT * FROM members";
$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $member)
    {
        ?>
        <tr>
            <td><?= $member['member_id']; ?></td>
            <td><?= $member['username']; ?></td>
            <td><?= $member['firstname']; ?></td>
            <td><?= $member['lastname']; ?></td>
            <td><?= $member['email']; ?></td>
            <td>
                <a href="member-view.php?id=<?= $member['member_id']; ?>" class="btn btn-dark btn-sm">View</a>

            </td>
        </tr>
        <?php
    }
}
else
{
    echo "<h5> No Record Found </h5>";
}
```

2.2.11-Trainer View Member Profile: trainer/ member-view.php



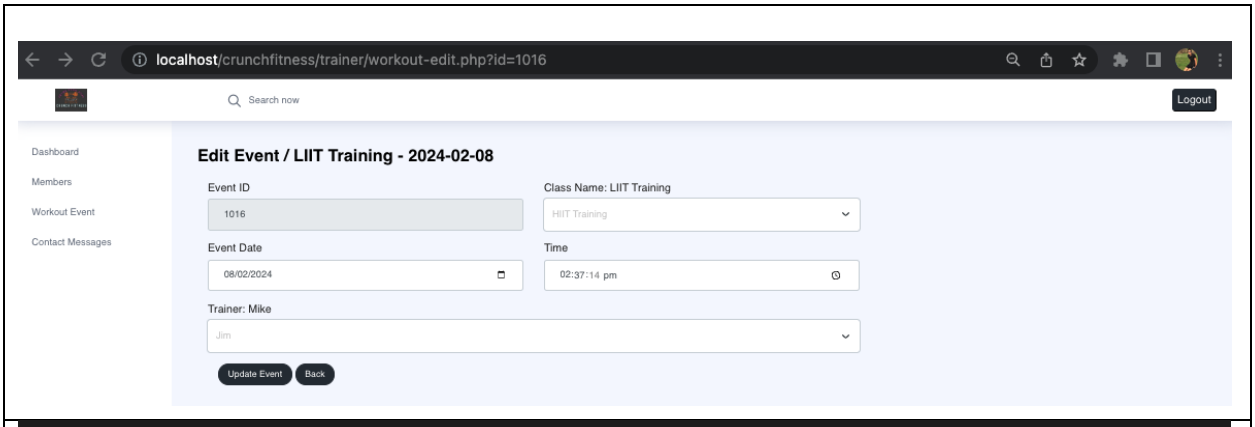
```php
if (isset($_GET['id']))
{
    $member_id = mysqli_real_escape_string($db, $_GET['id']);
    $query = "SELECT * FROM members INNER JOIN membership ON members.membership_id = membership.membership_id WHERE member_id='$member_id'";
    $query_run = mysqli_query($db, $query);

    if (mysqli_num_rows($query_run) > 0)
    {
        $member = mysqli_fetch_array($query_run);
?> <h3 class="font-weight-bold">
                <a href="trainer-member.php" style="text-decoration:none; color:black;"> View Member / <?=ucfirst($member['firstname']); ?> <?=ucfirst($member['lastname']); ?> </a>
                    </h3>
                    <div class="col-12 my-4">
                        <img src="../public/userImages/<?php print_r($member['user_image']); ?>" style="width:150px; height:150px; object-fit:cover; border-radius:50%;" alt="no profile picture">
                    </div>
                    <div class="col-12">
                    <h3 class="mb-5"><?php echo $member['Name']; ?></h3>
                        <div class="row">
                        <div class="col-sm pb-3">
                        <label for="username" class="form-label">Member ID</label>
                        <input type="email" class="form-control" id="member-id" placeholder="123 456 789"  value="<?php echo $member['member_id']; ?>" disabled>
                        </div>
                        <div class="col-sm pb-3">
                        <label for="username" class="form-label">Username</label>
                        <input type="email" class="form-control" id="member-id" placeholder="123 456 789" value="<?php echo $member['username']; ?>" disabled>
                    </div>
```

2.2.12-Trainer View Event: trainer/trainer-workout-event.php



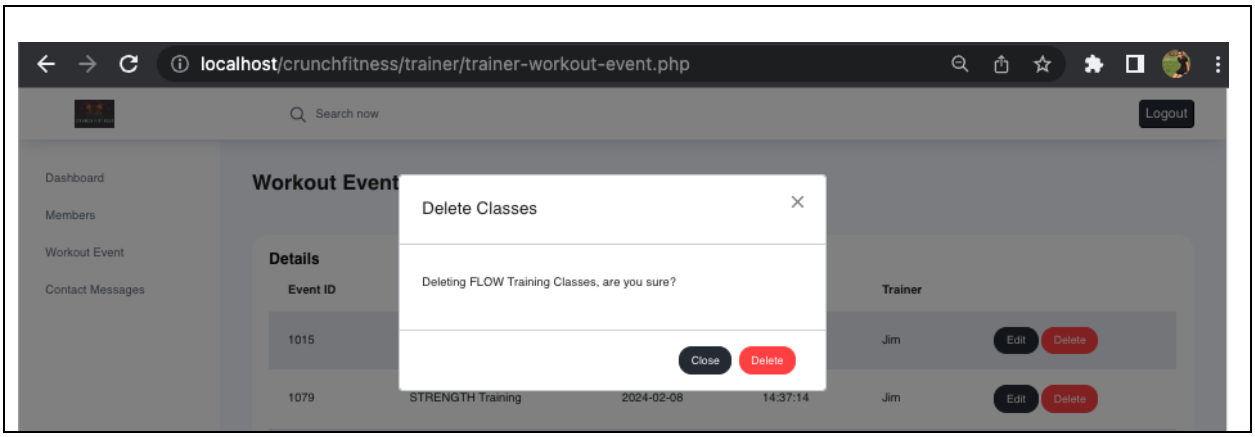

```php
if (isset($_GET['id']))
{
    $member_id = mysqli_real_escape_string($db, $_GET['id']);
    $query = "SELECT * FROM members INNER JOIN membership ON members.membership_id = membership.membership_id WHERE member_id='$member_id'";
    $query_run = mysqli_query($db, $query);

    if (mysqli_num_rows($query_run) > 0)
    {
        $member = mysqli_fetch_array($query_run);
?> <h3 class="font-weight-bold">
                <a href="trainer-member.php" style="text-decoration:none; color:black;"> View Member / <?=ucfirst($member['firstname']); ?> <?=ucfirst($member['lastname']); ?> </a>
                    </h3>
                    <div class="col-12 my-4">
                        <img src="../public/userImages/<?php print_r($member['user_image']); ?>" style="width:150px; height:150px; object-fit:cover; border-radius:50%;" alt="no profile picture">
                    </div>
                    <div class="col-12">
                    <h3 class="mb-5"><?php echo $member['Name']; ?></h3>
                        <div class="row">
                        <div class="col-sm pb-3">
                        <label for="username" class="form-label">Member ID</label>
                        <input type="email" class="form-control" id="member-id" placeholder="123 456 789"  value="<?php echo $member['member_id']; ?>" disabled>
                        </div>
                        <div class="col-sm pb-3">
                        <label for="username" class="form-label">Username</label>
                        <input type="email" class="form-control" id="member-id" placeholder="123 456 789" value="<?php echo $member['username']; ?>" disabled>
                    </div>
```

2.2.13-Trainer edit event: trainer/workout-edit.php



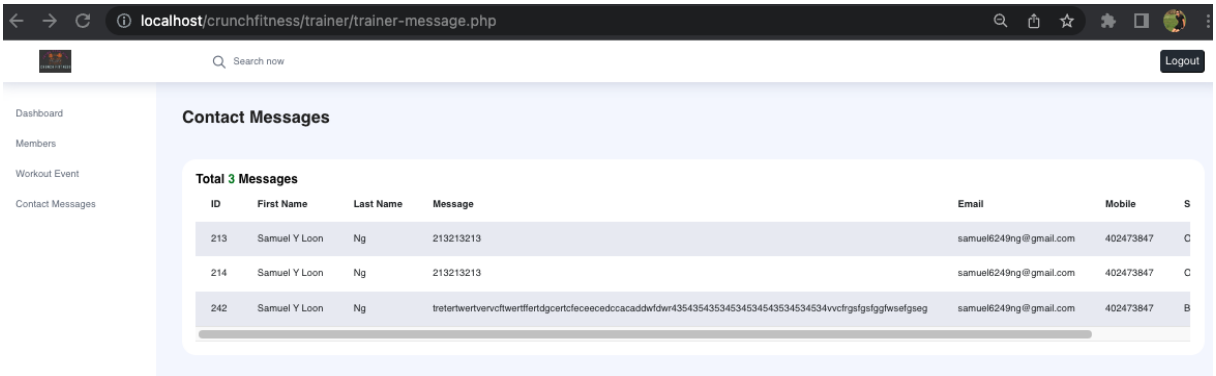

```php
if(isset($_POST['trainer_update_event']))
{
    $event_id = mysqli_real_escape_string($db, $_POST['event_id']);
    $class_name = mysqli_real_escape_string($db, $_POST['class_name']);
    $event_date = mysqli_real_escape_string($db, $_POST['event_date']);
    $time_slot = mysqli_real_escape_string($db, $_POST['time_slot']);
    $trainer_id = mysqli_real_escape_string($db, $_POST['trainer_id']);



    $query = "UPDATE workout_event
    SET class_name='$class_name', event_date='$event_date', time_slot='$time_slot', trainer_id='$trainer_id'
    WHERE event_id='$event_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Event Updated";
        header("Location: ../trainer/trainer-workout-event.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Event Not Updated";
        header("Location: ../trainer/trainer-workout-event.php");
        exit(0);
    }

}
```

2.2.14-Trainer delete event: trainer/ trainer-workout-event.php

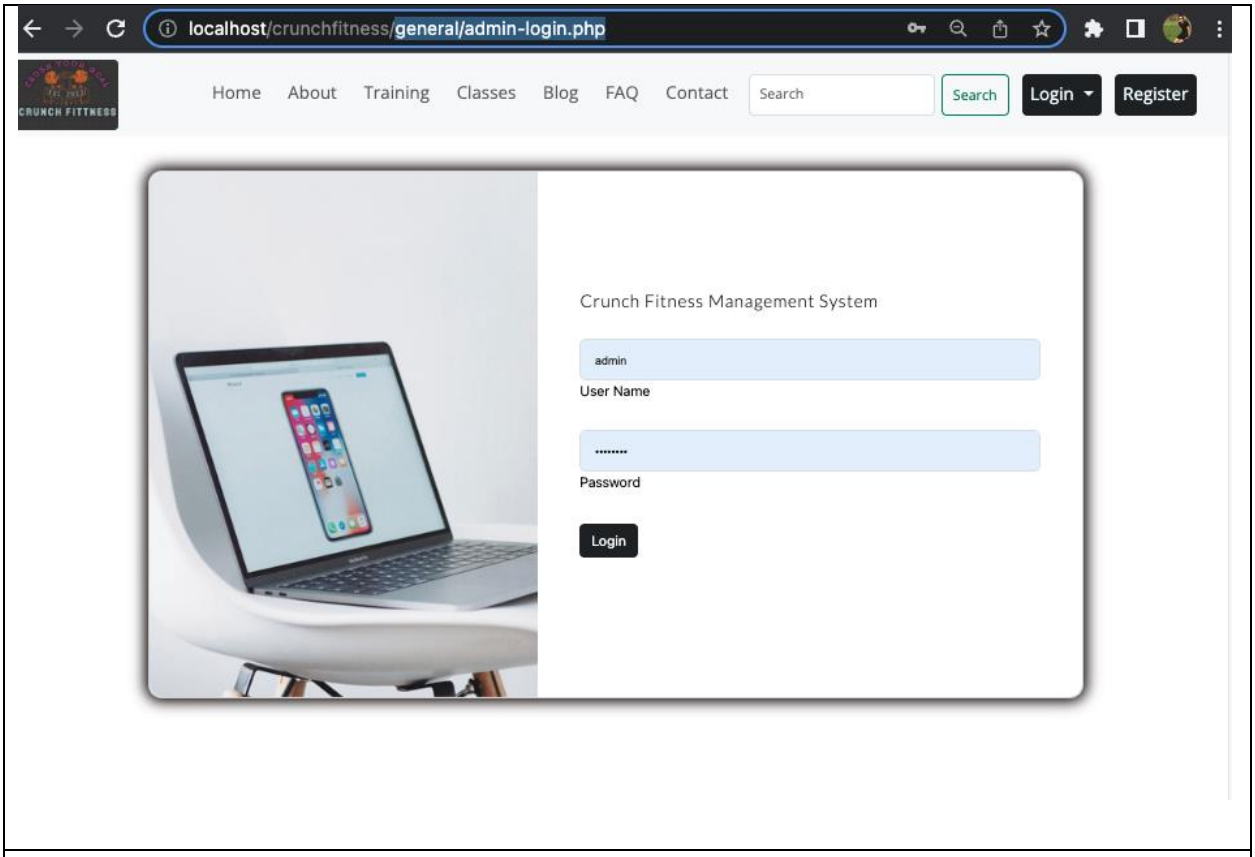


```php
if(isset($_POST['trainer_delete_workout']))
{
    $event_id = mysqli_real_escape_string($db, $_POST['trainer_delete_workout']);

    $query = "DELETE FROM workout_event WHERE event_id='$event_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Class Deleted";
        header("Location: ../trainer/trainer-workout-event.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Class not Delete";
        header("Location: ../trainer/trainer-workout-event.php");
        exit(0);
    }
}
```

2.2.15-Trainer view messages : trainer/trainer-message.php

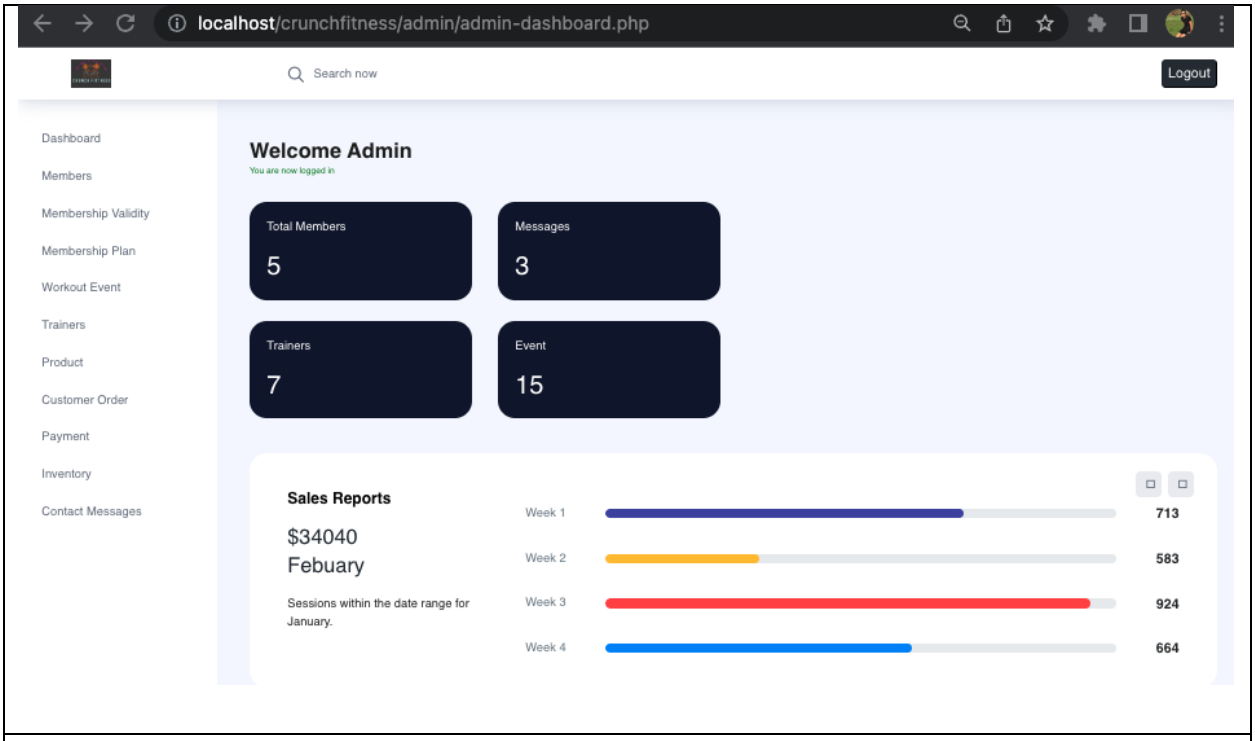

localhost/crunchfitness/trainer/trainer-message.php
Search now
Logout
Dashboard
Members
Workout Event
Contact Messages
Contact Messages
Total 3 Messages
ID First Name Last Name Message Email Mobile
213 Samuel Y Loon Ng 213213213 samuel6249ng@gmail.com 402473847
214 Samuel Y Loon Ng 213213213 samuel6249ng@gmail.com 402473847
242 Samuel Y Loon Ng tretertwertvervcftwertffertdgcertcfeceecedccacaddwfdwr435435435345345345

2.2.16-Admin Login : general/admin-login.php




```php
// LOGIN Admin
if (isset($_POST['login_admin'])) {
  $username = mysqli_real_escape_string($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;
      $_SESSION['success'] = "You are now logged in";
      header('location: ../admin/admin-dashboard.php');
    }else {
      array_push($errors, "Wrong username/password combination");
    }
  }
}
```

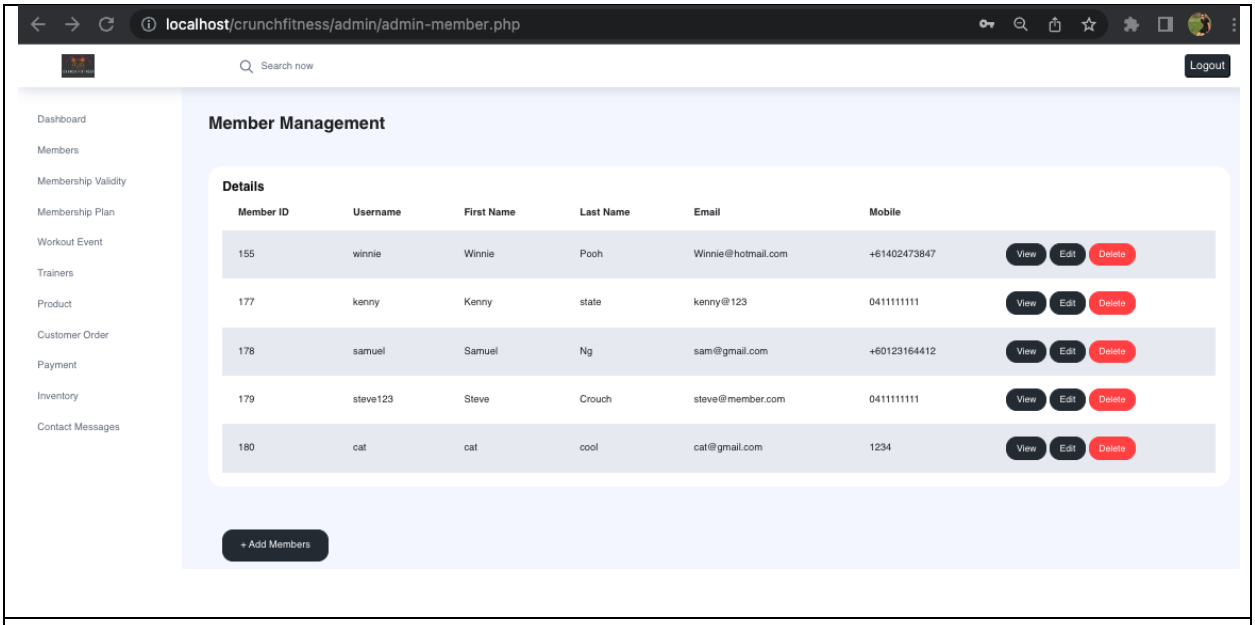
2.2.17-Admin Login : admin/admin-dashboard.php




```php
<h5>
    <strong>Welcome
    <?php
            include('../general/dbcon.php');
            $currentUser = $_SESSION['username'];
            $sql = "SELECT * FROM users WHERE username ='$currentUser'";

            $gotResuslts = mysqli_query($db,$sql);

            if($gotResuslts){
                if(mysqli_num_rows($gotResuslts)>0){
                    while($row = mysqli_fetch_array($gotResuslts)){
                        //print_r($row['user_name']);
                        ?>


                            <?php echo ucfirst($row['name']); ?>


                        <?php
                    }
                }
            }
            ?></strong>
        </h3>



<?php if (isset($_SESSION['success'])) : ?>
<div class="error success" >
  <h5 style="font-size:10px; position:absolute; color:green;">
    <?php
      echo $_SESSION['success'];
      unset($_SESSION['success']);
    ?>
  </h5>
</div>
<?php endif ?>
```

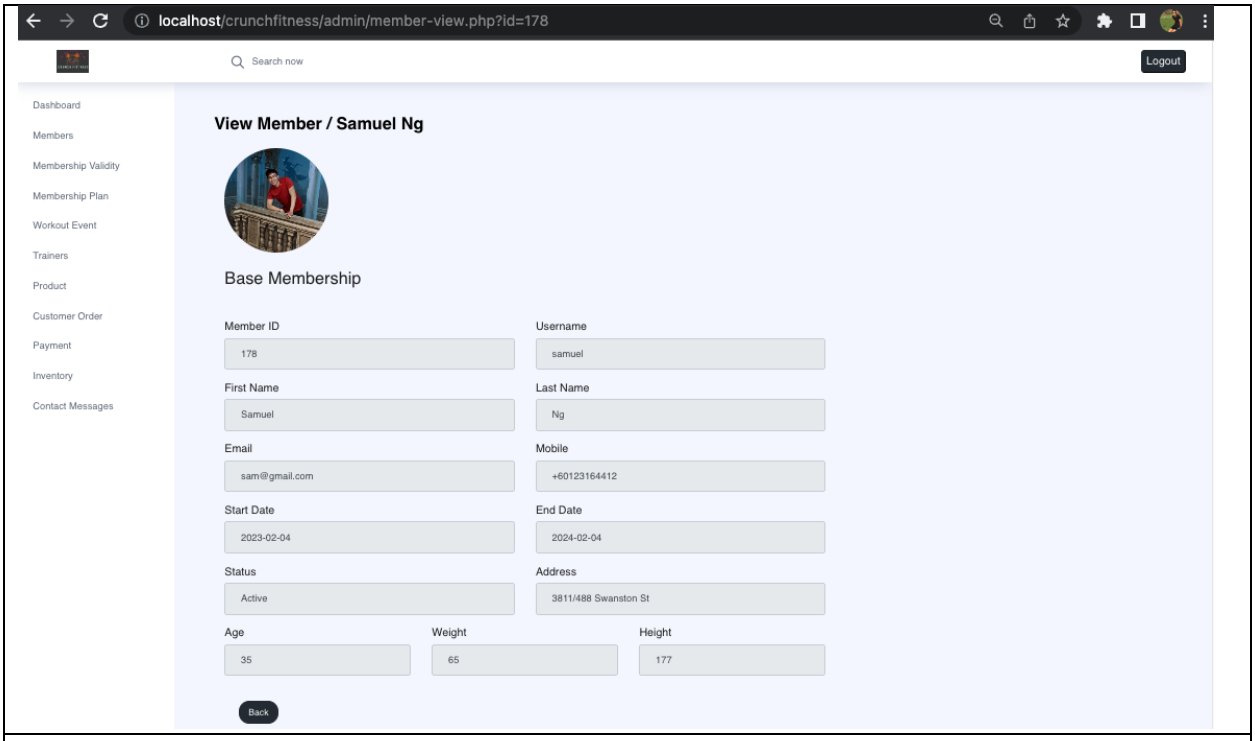
```php
<div class="card-body">
  <p class="mb-4">Total Members</p>
  <p class="fs-30 mb-2">
  <?php
    include('../general/dbcon.php');
    // Check connection
    if ($db->connect_error) {
        die("Connection failed: " . $db->connect_error);
    }
    $sql = "SELECT COUNT(membership_id)FROM members WHERE members.member_id;";
    $result = $db->query($sql);
    if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
            echo $row["COUNT(membership_id)"];


        }
    } else {
        echo "0 results";
    }

    $db->close();
    ?>
  </p>
</div>
</a>
```

2.2.18-Admin Member: admin/admin-member.php



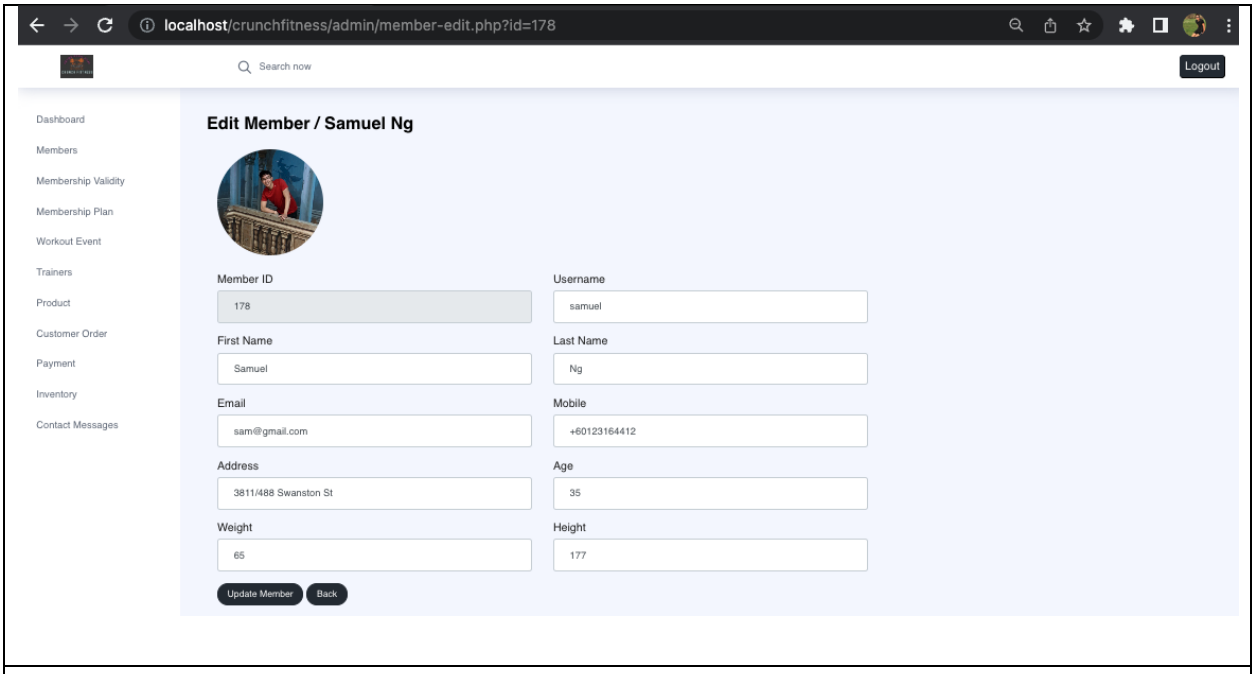

```php
$query = "SELECT * FROM members";
$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $member)
    {
        ?>
        <tr>
            <td><?= $member['member_id']; ?></td>
            <td><?= $member['username']; ?></td>
            <td><?= $member['firstname']; ?></td>
            <td><?= $member['lastname']; ?></td>
            <td><?= $member['email']; ?></td>
            <td><?= $member['mobile']; ?></td>
            <td>
                <a href="member-view.php?id=<?= $member['member_id']; ?>" class="btn btn-dark btn-sm">View</a>
                <a href="member-edit.php?id=<?= $member['member_id']; ?>" class="btn btn-dark btn-sm">Edit</a>
                <form action="code.php" method="POST" class="d-inline">
            <button type="button" class="btn btn-danger btn-sm"  data-bs-toggle="modal" data-bs-target="#staticBackdrop<?=$member['member_id'];?>">
                                    Delete
                                </button>
                <!-- deleteModal -->
            <div class="modal fade" id="staticBackdrop<?=$member['member_id'];?>" data-bs-backdrop="static" value="<?=$member['member_id'];?>" data-bs-keyboard="false" tabindex="-1" aria-labelledby="static
              <div class="modal-dialog">
                <div class="modal-content">
                  <div class="modal-header">
                    <h1 class="modal-title fs-5" id="staticBackdropLabel">Delete Account</h1>
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                  </div>
                  <div class="modal-body">
                    <p>Deleting <?= ucfirst($member['firstname']); ?> account, are you sure?</p>
                  </div>
                  <div class="modal-footer">
                    <button type="button" class="btn btn-dark btn-sm" data-bs-dismiss="modal">Close</button>
                    <button type="submit" name="delete_member" value="<?=$member['member_id'];?>" class="btn btn-danger btn-sm">Delete</button>
                  </div>
                </div>
              </div>
            </div>
                </form>
            </td>
        </tr>
        <?php
    }
}
else
{
    echo "<h5> No Record Found </h5>";
}
```

2.2.19-Admin View Member: admin/member-view.php



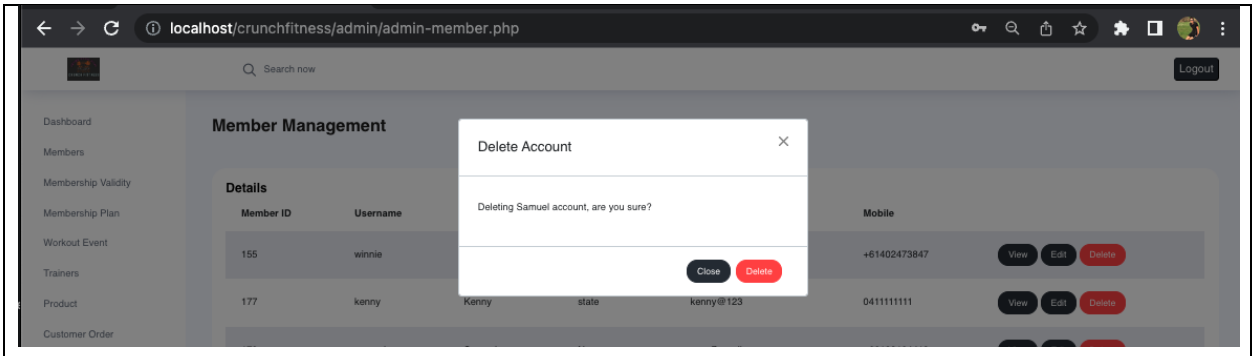

```
if (isset($_GET['id']))
{
    $member_id = mysqli_real_escape_string($db, $_GET['id']);
    $query = "SELECT * FROM members INNER JOIN membership ON members.membership_id = membership.membership_id WHERE member_id='$member_id'";
    $query_run = mysqli_query($db, $query);

    if (mysqli_num_rows($query_run) > 0)
    {
        $member = mysqli_fetch_array($query_run);
?> <h3 class="font-weight-bold">
            <a href="admin-member.php" style="text-decoration:none; color:black;"> View Member / <?=ucfirst($member['firstname']); ?> <?=ucfirst($member['lastname']); ?> </a>
                </h3>
                <div class="col-12 my-4">
                    <img src="../public/userImages/<?php print_r($member['user_image']); ?>" style="width:150px; height:150px; object-fit:cover; border-radius:50%;" alt="no profile picture">
                </div>
                <div class="col-12">
                <h3 class="mb-5"><?php echo $member['Name']; ?></h3>
                    <div class="row">
                    <div class="col-sm pb-3">
                    <label for="username" class="form-label">Member ID</label>
                    <input type="email" class="form-control" id="member-id" placeholder="123 456 789"  value="<?php echo $member['member_id']; ?>" disabled>
                    </div>
                    <div class="col-sm pb-3">
                    <label for="username" class="form-label">Username</label>
                    <input type="email" class="form-control" id="member-id" placeholder="123 456 789" value="<?php echo $member['username']; ?>" disabled>
                </div>
```

2.2.20-Admin Update Member: admin/member-edit.php



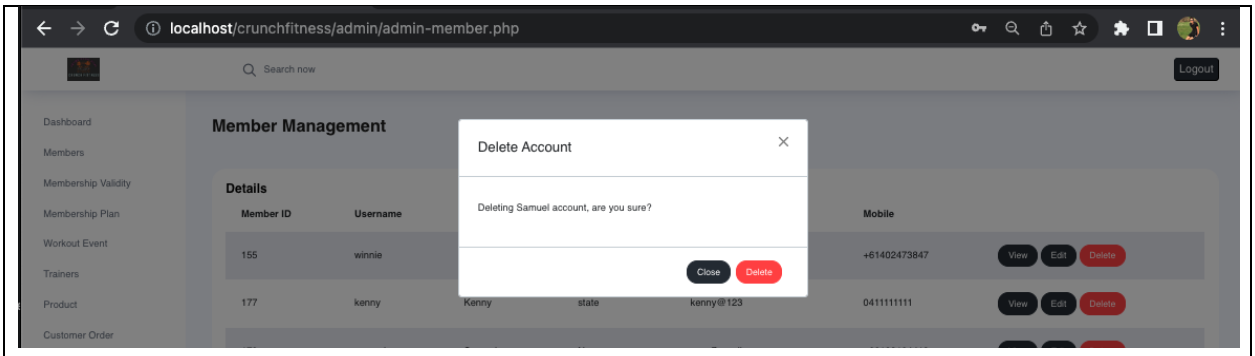

```php
if(isset($_POST['update_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['member_id']);
    $username = mysqli_real_escape_string($db, $_POST['username']);
    $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
    $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
    $address = mysqli_real_escape_string($db, $_POST['address']);
    $age = mysqli_real_escape_string($db, $_POST['age']);
    $m_weight = mysqli_real_escape_string($db, $_POST['m_weight']);
    $height = mysqli_real_escape_string($db, $_POST['height']);


    $query = "UPDATE members
    SET username='$username', firstname='$firstname', lastname='$lastname', email='$email', mobile='$mobile', address='$address', age='$age', m_weight='$m_weight', height='$height'
    WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Updated";
        header("Location: admin-member.php");
        exit(0);
    }
```

2.2.21-Admin Delete Member: admin/admin-member.php



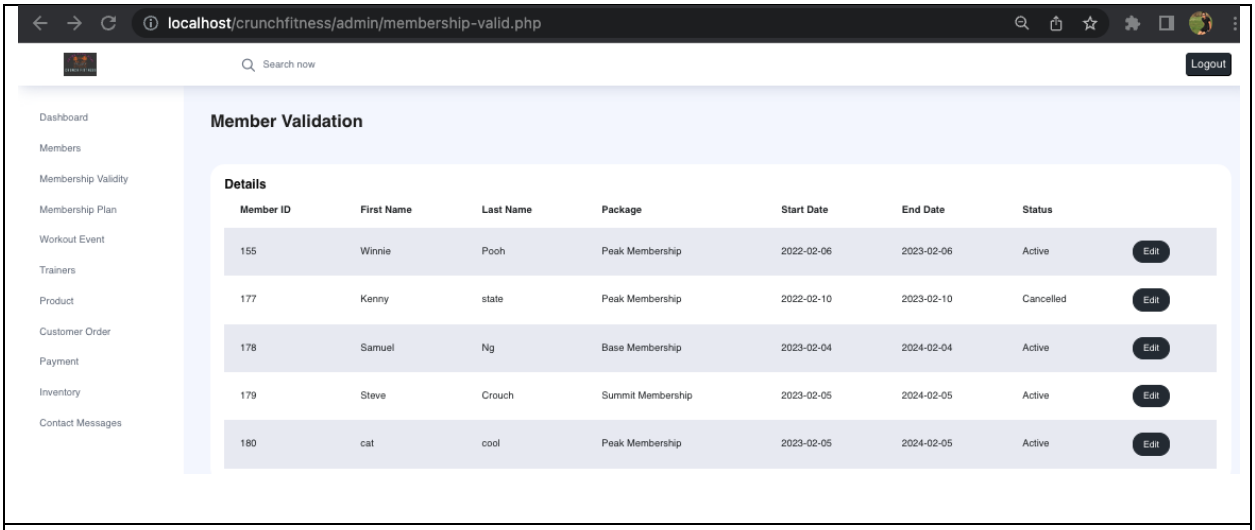
```php
if(isset($_POST['delete_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['delete_member']);

    $query = "DELETE FROM members WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: admin-member.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: admin-member.php");
        exit(0);
    }
}
```

2.2.22-Admin Delete Member: admin/admin-member.php



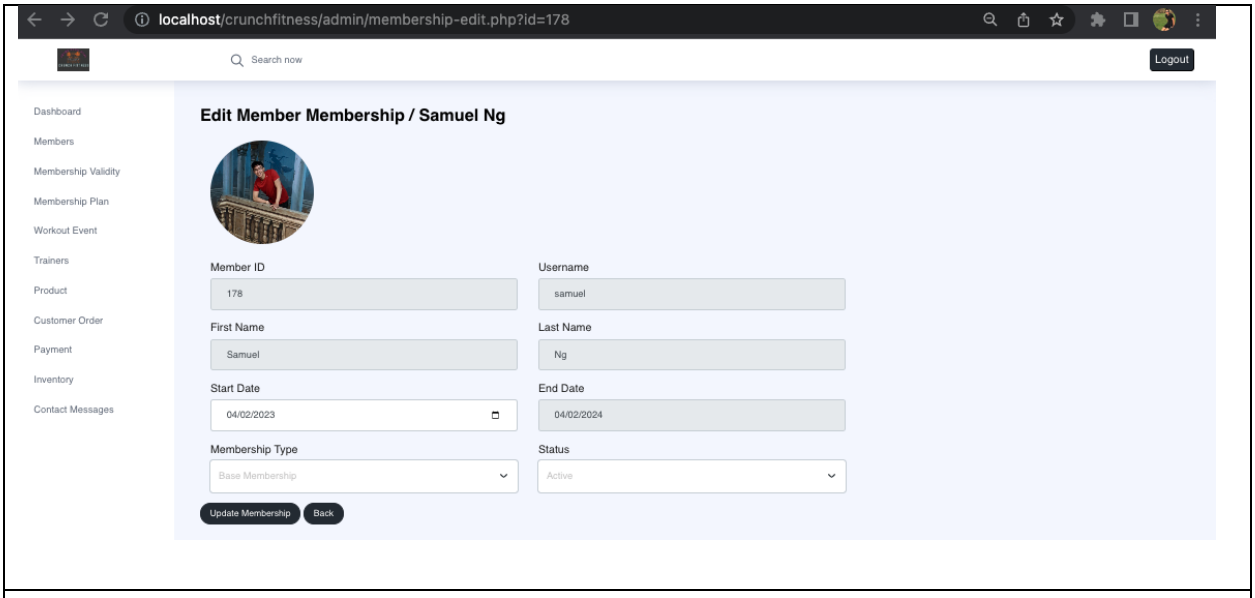

```php
if(isset($_POST['delete_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['delete_member']);

    $query = "DELETE FROM members WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: admin-member.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: admin-member.php");
        exit(0);
    }
}
```

2.2.23-Admin View Members Membership: admin/membership-valid.php



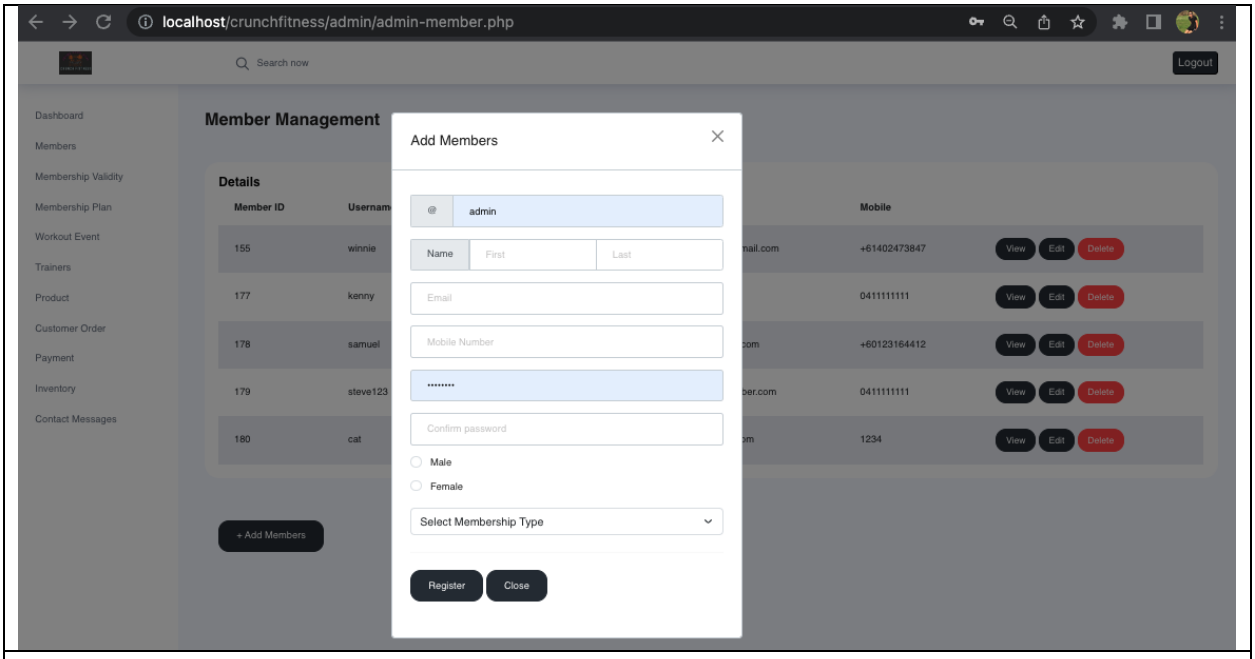

```php
$query = "SELECT * FROM members INNER JOIN membership ON members.membership_id = membership.membership_id WHERE member_id";
$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $member)
    {
        ?>
        <tr>
            <td><?= $member['member_id']; ?></td>
            <td><?= $member['firstname']; ?></td>
            <td><?= $member['lastname']; ?></td>
            <td><?= $member['Name']; ?></td>
            <td><?= $member['startdate']; ?></td>
            <td><?=$member['enddate'] = date('Y-m-d', strtotime('+1 year', strtotime($member['startdate']))); ?></td>
            <td><?= $member['status']; ?></td>




            <td>
                <a href="membership-edit.php?id=<?= $member['member_id']; ?>" class="btn btn-dark btn-sm">Edit</a>
                <form action="code.php" method="POST" class="d-inline">

                </form>
            </td>
        </tr>
        <?php
    }
}
else
{
    echo "<h5> No Record Found </h5>";
}
```

2.2.24-Admin edit Members Membership: admin/membership-edit.php



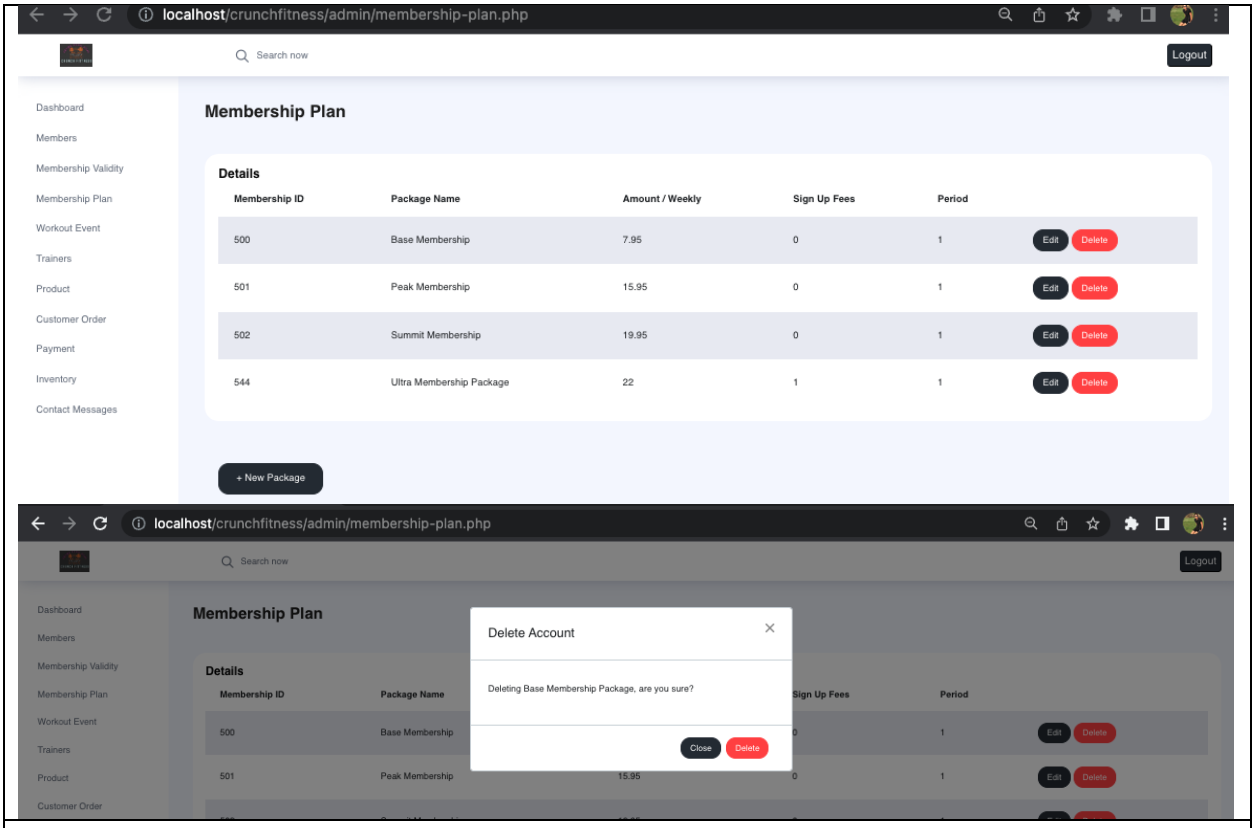

```php
if(isset($_POST['update_membership']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['member_id']);
    $startdate = mysqli_real_escape_string($db, $_POST['startdate']);
    $membership_id = mysqli_real_escape_string($db, $_POST['membership_id']);
    $status = mysqli_real_escape_string($db, $_POST['status']);




    $query = "UPDATE members
    SET startdate='$startdate', membership_id='$membership_id', status='$status'
    WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Membership Updated";
        header("Location: membership-valid.php");
        exit(0);
```

2.2.25-Admin Add Members Membership: admin/admin-member.php



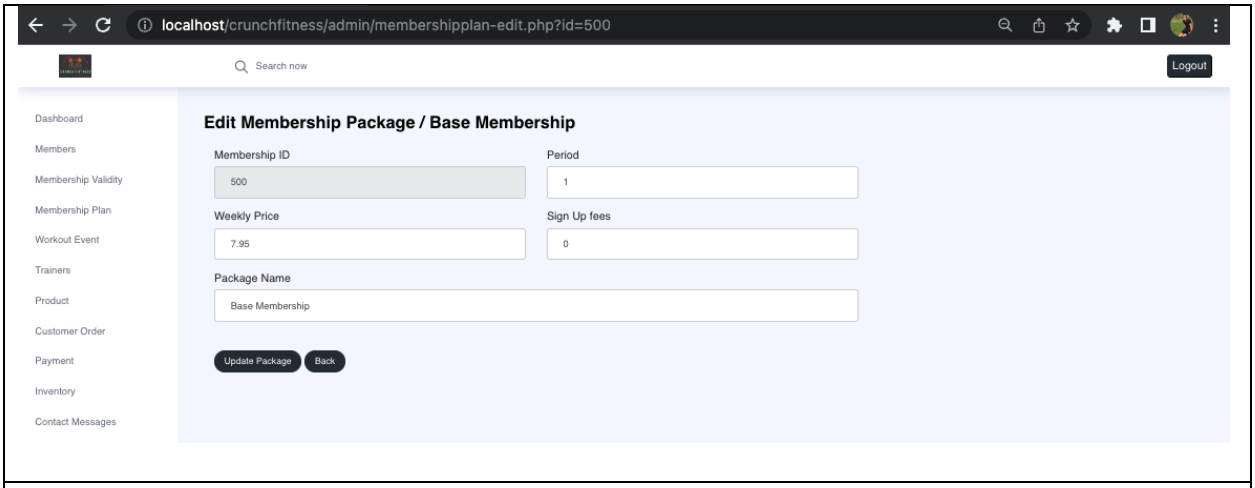

```php
// REGISTER member from admin
if (isset($_POST['admin_member_register'])) {
  // receive all input values from the form
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
  $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
  $email = mysqli_real_escape_string($db, $_POST['email']);
  $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
  $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
  $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);
  $gender = mysqli_real_escape_string($db, $_POST['gender']);
  $membership_id = mysqli_real_escape_string($db, $_POST['membership_id']);



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



  // first check the database to make sure
  // a user does not already exist with the same username and/or email
  $user_check_query = "SELECT * FROM members WHERE username='$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 exist");
    }

    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

    $query = "INSERT INTO members (username, firstname, lastname, email, mobile, password, gender, address, age, m_weight, height, membership_id, user_image, status)
          VALUES('$username', '$firstname', '$lastname', '$email', '$mobile', '$password', '$gender','$address', '$age', '$m_weight', '$height', '$membership_id', '$user_image', '$status')";
    mysqli_query($db, $query);
    $_SESSION['username'] = $username;
    $_SESSION['message'] = "Account Created";
    $_SESSION['success'] = "Account Created";
    header('location: ../admin/admin-member.php');
  }
}
```

2.2.26-Admin Membership Plan: admin/membership-plan.php



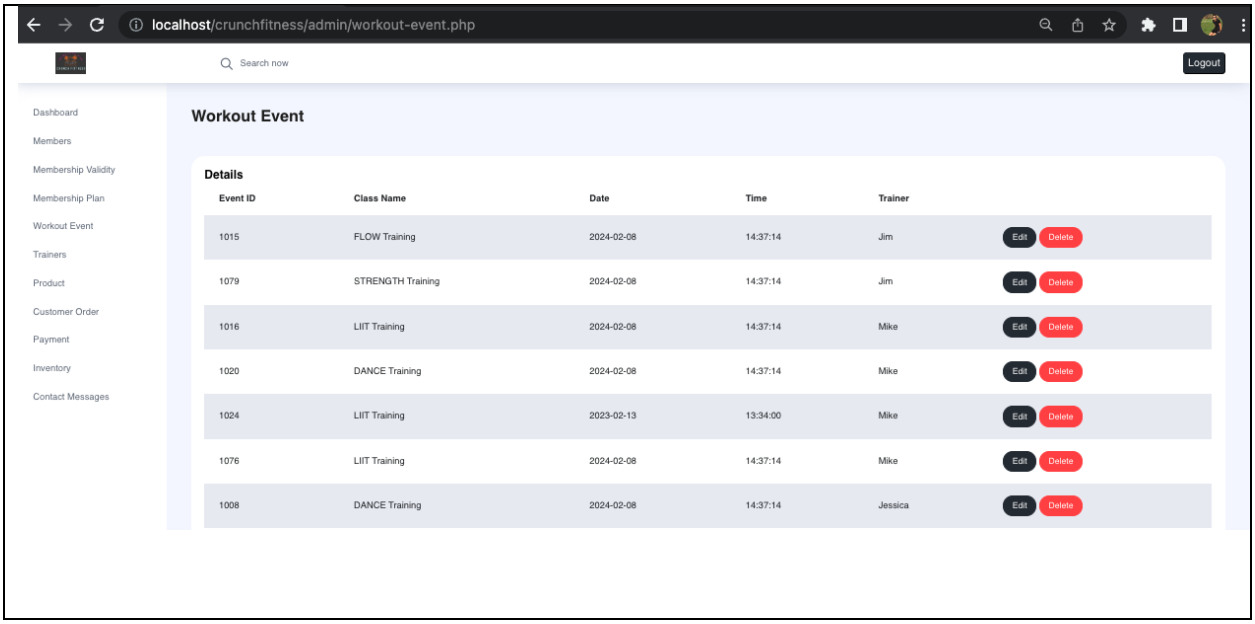

```php
<?php
$query = "SELECT * FROM membership";
$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $membership)
    {
        ?>
        <tr>
            <td><?= $membership['membership_id']; ?></td>
            <td><?= $membership['Name']; ?></td>
            <td><?= $membership['membership_price']; ?></td>
            <td><?= $membership['signup_fees']; ?></td>
            <td><?= $membership['period']; ?></td>
            <td>
                <a href="membershipplan-edit.php?id=<?= $membership['membership_id']; ?>" class="btn btn-dark btn-sm">Edit</a>
                <form action="code.php" method="POST" class="d-inline">
                <button type="button" class="btn btn-danger btn-sm"  data-bs-toggle="modal" data-bs-target="#staticBackdrop<?=$membership['membership_id'];?>">
                                                Delete
                                            </button>
```

2.2.27-Admin Edit Membership Plan: admin/membership-edit.php



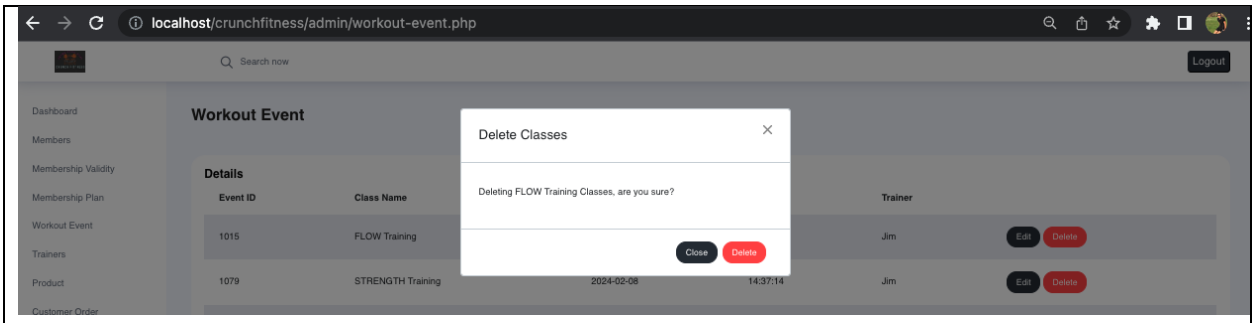

```php
if(isset($_POST['update_membershipplan']))
{
    $membership_id = mysqli_real_escape_string($db, $_POST['membership_id']);
    $period = mysqli_real_escape_string($db, $_POST['period']);
    $membership_price = mysqli_real_escape_string($db, $_POST['membership_price']);
    $signup_fees = mysqli_real_escape_string($db, $_POST['signup_fees']);
    $Name = mysqli_real_escape_string($db, $_POST['Name']);




    $query = "UPDATE membership
    SET period='$period', membership_price='$membership_price', signup_fees='$signup_fees', Name='$Name'
    WHERE membership_id='$membership_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Membership Updated";
        header("Location: membership-plan.php");
        exit(0);
    }
```

2.2.28-Admin Event Workout: admin/workout-event.php



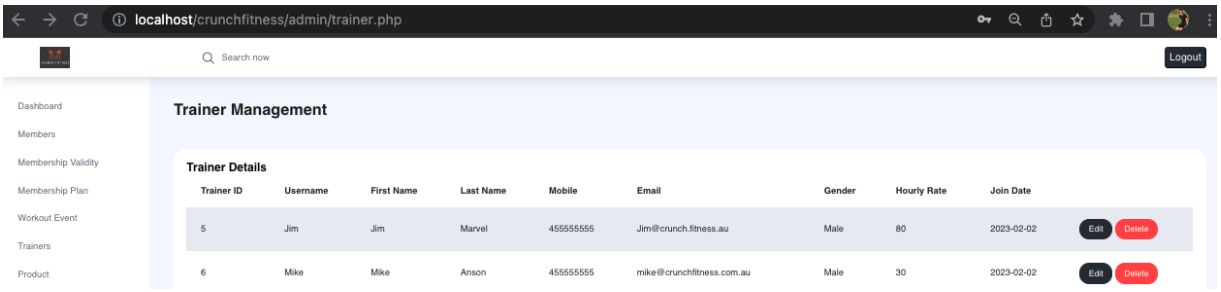
```php
$query = "SELECT event_id, class_name, event_date, time_slot, trainer.firstname, trainer.mobile
FROM workout_event
INNER JOIN trainer ON trainer.trainer_id = workout_event.trainer_id
WHERE event_id;";


$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $workout)
    {
        ?>
        <tr>
            <td><?= $workout['event_id']; ?></td>
            <td><?= $workout['class_name']; ?></td>
            <td><?= $workout['event_date']; ?></td>
            <td><?= $workout['time_slot']; ?></td>
            <td><?= $workout['firstname']; ?></td>
            <td>
```

2.2.29-Admin Event Workout: admin/workout-event.php



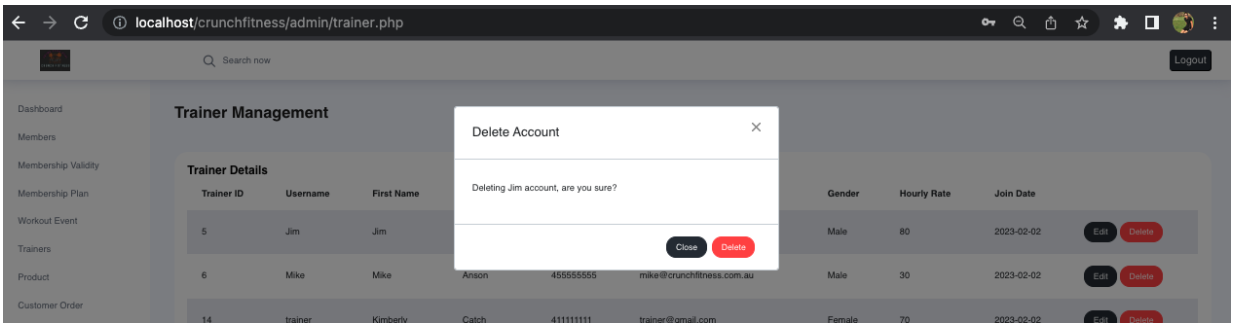

```php
if(isset($_POST['delete_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['delete_member']);

    $query = "DELETE FROM members WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: admin-member.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: admin-member.php");
        exit(0);
    }
}
```

2.2.30-Admin Trainer Management: admin/trainer.php



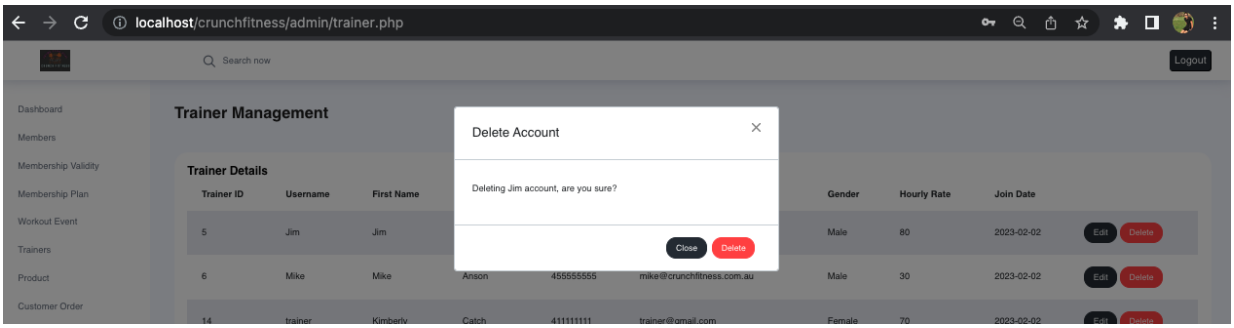

```php
$query = "SELECT * FROM trainer";
$query_run = mysqli_query($db, $query);

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $trainer)
    {
        ?>
        <tr>
            <td><?= $trainer['trainer_id']; ?></td>
            <td><?= $trainer['username']; ?></td>
            <td><?= $trainer['firstname']; ?></td>
            <td><?= $trainer['lastname']; ?></td>
            <td><?= $trainer['mobile']; ?></td>
            <td><?= $trainer['email']; ?></td>
            <td><?= $trainer['gender']; ?></td>
            <td><?= $trainer['hourly_rate']; ?></td>
            <td><?= $trainer['join_date']; ?></td>
```

2.2.31-Admin Delete Trainer: admin/trainer.php



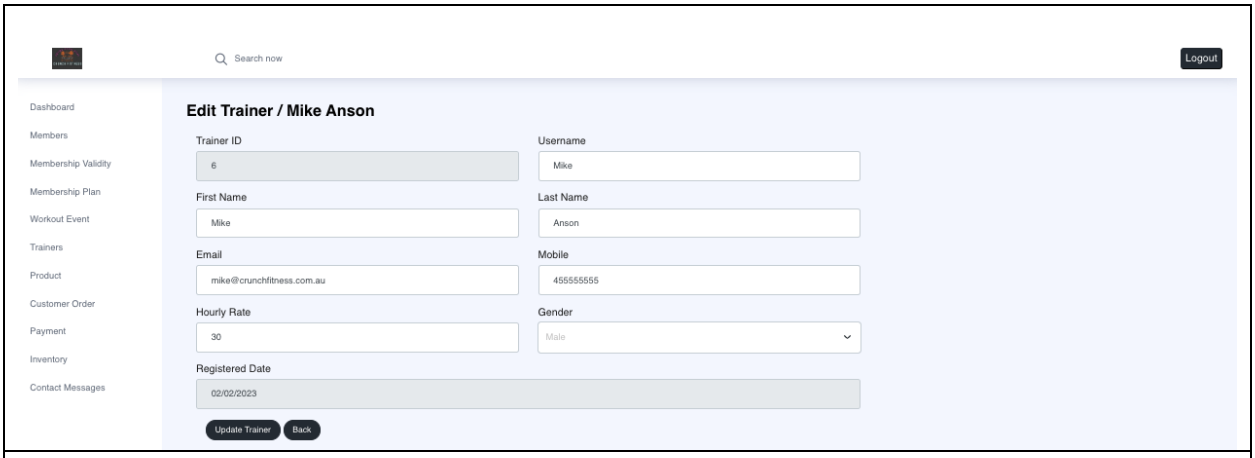
```php
if(isset($_POST['delete_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['delete_member']);

    $query = "DELETE FROM members WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: admin-member.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: admin-member.php");
        exit(0);
    }
}
```

2.2.32-Admin Delete Trainer : admin/trainer.php



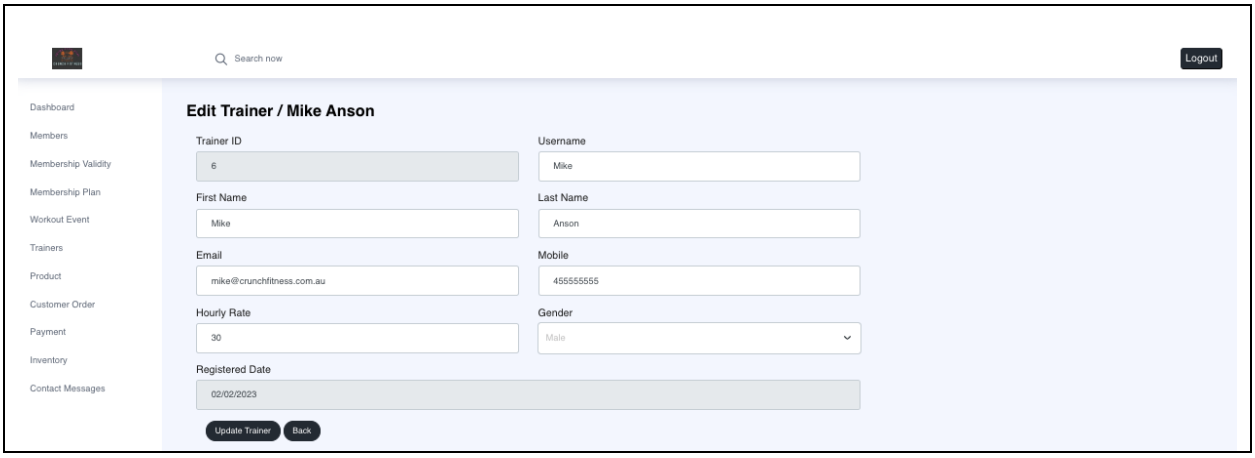

```php
if(isset($_POST['delete_member']))
{
    $member_id = mysqli_real_escape_string($db, $_POST['delete_member']);

    $query = "DELETE FROM members WHERE member_id='$member_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: admin-member.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: admin-member.php");
        exit(0);
    }
}
```

2.2.32-Admin Edit Trainer : admin/admin/trainer-edit.php



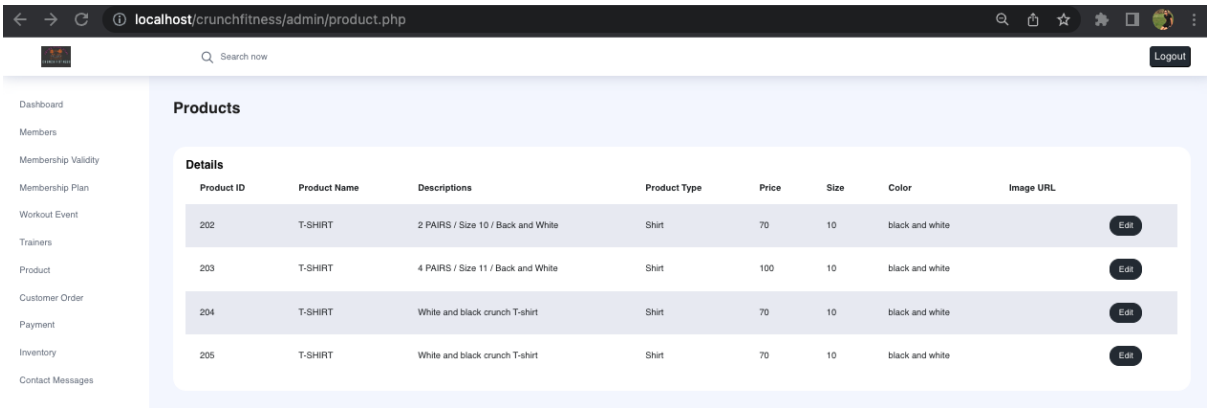

```php
if(isset($_POST['update_trainer']))
{
    $trainer_id = mysqli_real_escape_string($db, $_POST['trainer_id']);
    $username = mysqli_real_escape_string($db, $_POST['username']);
    $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
    $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
    $email = mysqli_real_escape_string($db, $_POST['email']);
    $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
    $gender = mysqli_real_escape_string($db, $_POST['gender']);
    $hourly_rate = mysqli_real_escape_string($db, $_POST['hourly_rate']);


    $query = "UPDATE trainer
    SET username='$username', firstname='$firstname', lastname='$lastname', email='$email', mobile='$mobile', hourly_rate='$hourly_rate', gender='$gender'
    WHERE trainer_id='$trainer_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Trainer Updated";
        header("Location: trainer.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Trainer Not Updated";
        header("Location: trainer.php");
        exit(0);
    }

}
```

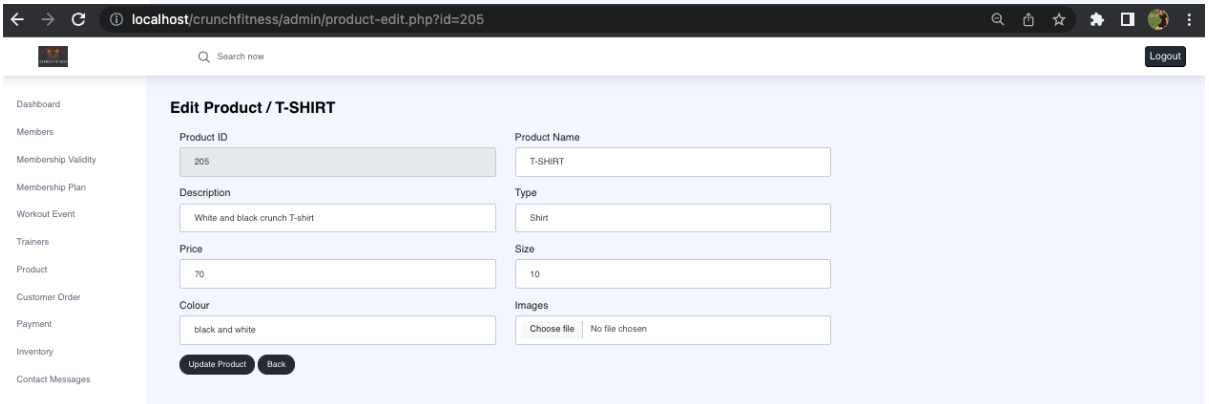
2.2.33-Admin Create Trainer : admin/admin/trainer.php



```php
// Trainer Register

if (isset($_POST['trainer_register])) {
  // receive all input values from the form
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $firstname = mysqli_real_escape_string($db, $_POST['firstname']);
  $lastname = mysqli_real_escape_string($db, $_POST['lastname']);
  $email = mysqli_real_escape_string($db, $_POST['email']);
  $mobile = mysqli_real_escape_string($db, $_POST['mobile']);
  $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
  $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);
  $gender = mysqli_real_escape_string($db, $_POST['gender']);



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


  // first check the database to make sure
  // a user does not already exist with the same username and/or email
  $user_check_query = "SELECT * FROM trainer WHERE username='$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

    $query = "INSERT INTO trainer (username, firstname, lastname, email, mobile, password, gender, hourly_rate)
        VALUES('$username', '$firstname', '$lastname', '$email', '$mobile', '$password', '$gender', '$hourly_rate')";
    mysqli_query($db, $query);
    $_SESSION['username'] = $username;
    $_SESSION['success'] = "You are now logged in";
    header('location: ../trainer/trainer-dashboard.php');
  }
}
```

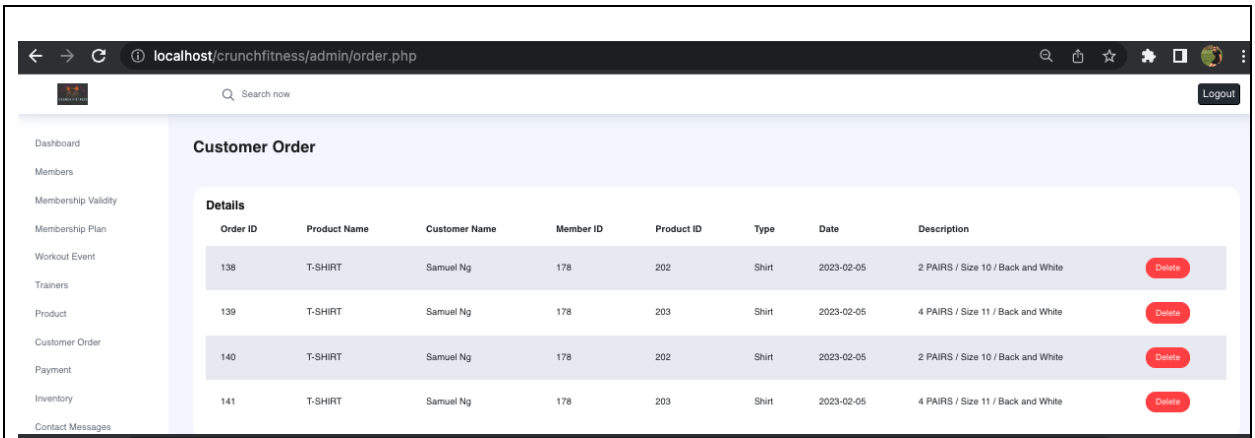
2.2.34-Admin Manage Product: admin/product.php & product-edit.php

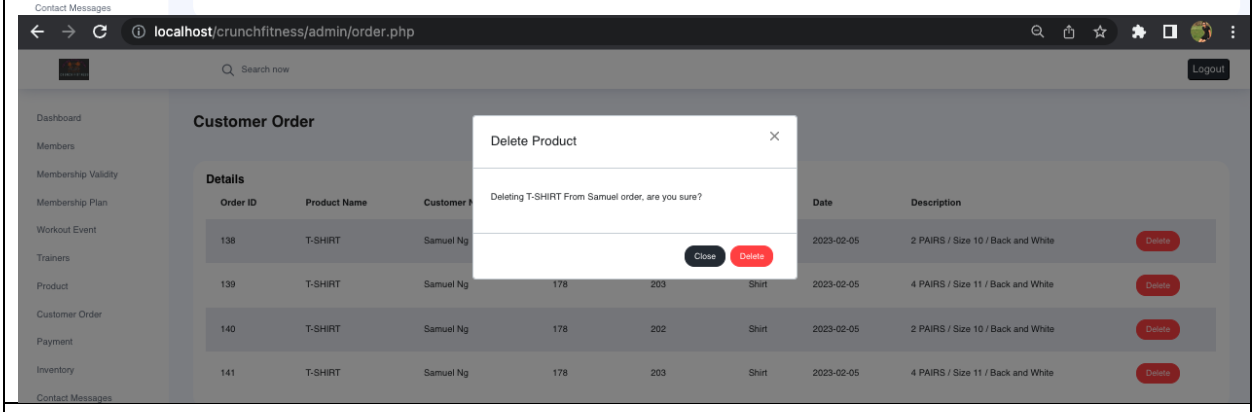




```php
if(isset($_POST['update_product']))
{
    $product_id = mysqli_real_escape_string($db, $_POST['product_id']);
    $pro_Name = mysqli_real_escape_string($db, $_POST['pro_Name']);
    $pro_desc = mysqli_real_escape_string($db, $_POST['pro_desc']);
    $pro_type = mysqli_real_escape_string($db, $_POST['pro_type']);
    $pro_price = mysqli_real_escape_string($db, $_POST['pro_price']);
    $size = mysqli_real_escape_string($db, $_POST['size']);
    $color = mysqli_real_escape_string($db, $_POST['color']);
    $image_url = mysqli_real_escape_string($db, $_POST['image_url']);


    $query = "UPDATE product
    SET pro_Name='$pro_Name', pro_desc='$pro_desc', pro_desc='$pro_desc', pro_type='$pro_type', pro_price='$pro_price', color='$color', image_url='$image_url'
    WHERE product_id='$product_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Product Updated";
        header("Location: product.php");
        exit(0);
    }
```

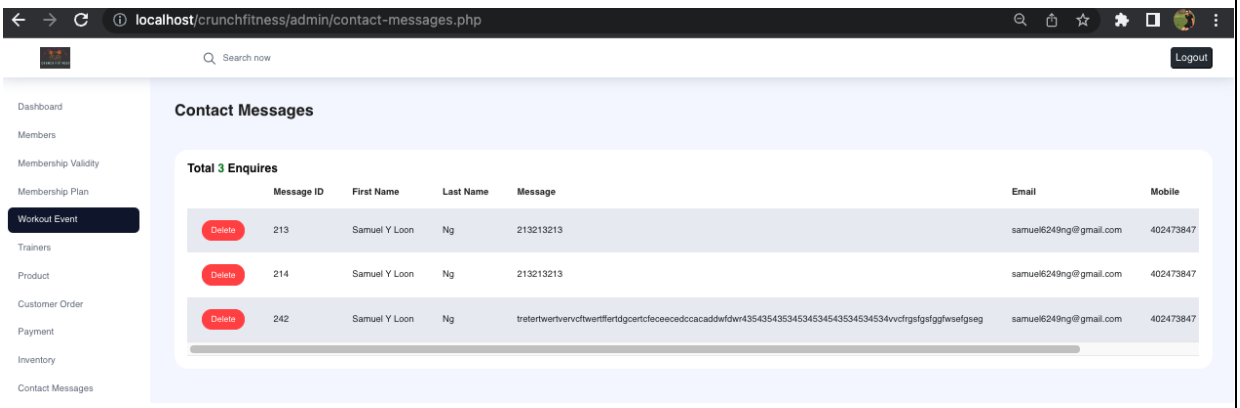
2.2.35-Admin Manage Customer order: admin/order.php





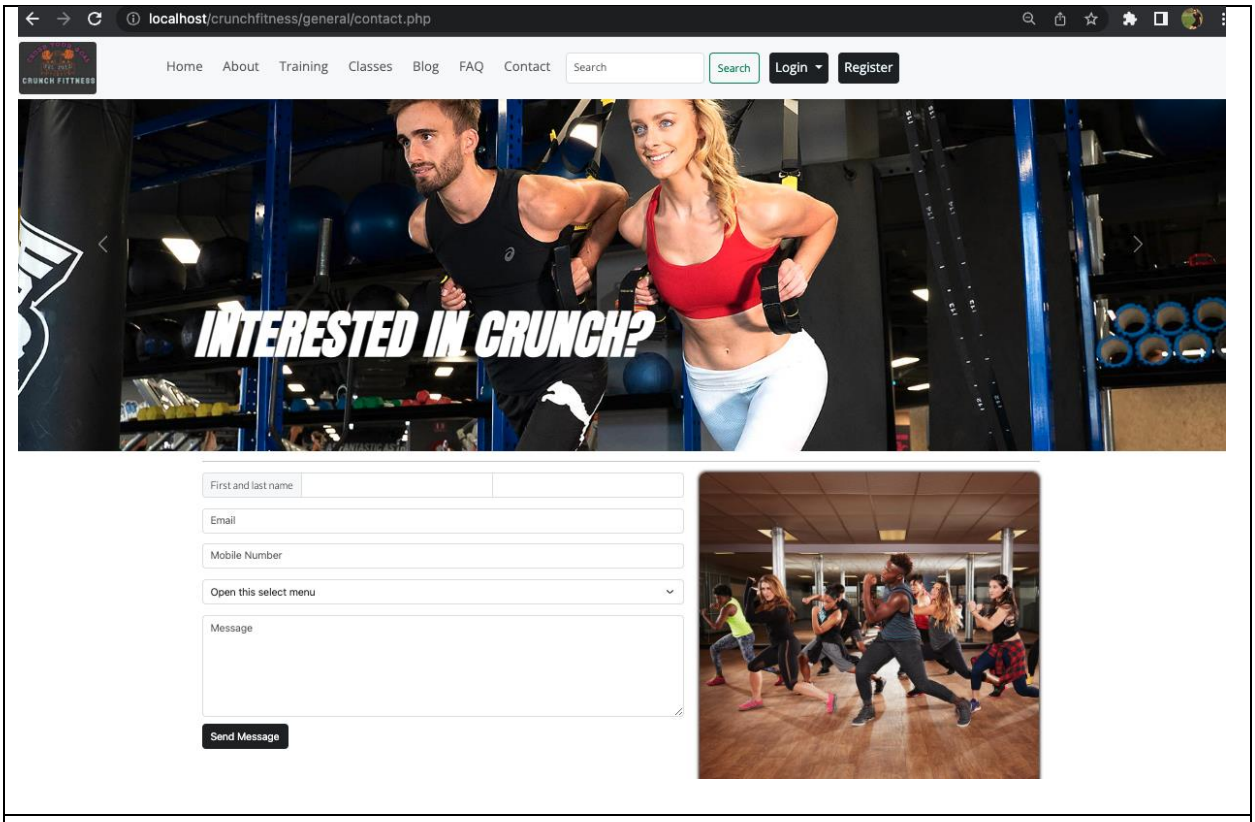

```php
if(isset($_POST['delete_product_order']))
{
    $product_id = mysqli_real_escape_string($db, $_POST['delete_product_order']);

    $query = "DELETE FROM order_cart WHERE order_id='$product_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Class Deleted";
        header("Location: order.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Class not Delete";
        header("Location: order.php");
        exit(0);
    }
}
```

2.2.36-Admin Manage contact messages order: admin/contact-messages.php




```php
if(isset($_POST['delete_message']))
{
    $contact_id = mysqli_real_escape_string($db, $_POST['delete_message']);

    $query = "DELETE FROM contact WHERE contact_id='$contact_id' ";
    $query_run = mysqli_query($db, $query);

    if($query_run)
    {
        $_SESSION['message'] = "Member Account Deleted";
        header("Location: contact-messages.php");
        exit(0);
    }
    else
    {
        $_SESSION['message'] = "Member Not Delete";
        header("Location: contact-messages.php");
        exit(0);
    }
}
```

2.2.36-Member send messages: general/contact-messages.php



```
<?php
    include('../general/dbcon.php');

    $query = "SELECT * FROM contact";
    $query_run = mysqli_query($db, $query);

    if(mysqli_num_rows($query_run) > 0)
    {
        foreach($query_run as $contact)
        {
            ?>
            <tr>
            <td>
                <form action="code.php" method="POST" class="d-inline">
                <button type="submit" name="delete_message" value="<?=$contact['contact_id'];?>" class="btn btn-danger btn-sm">Delete</button>
                </form>
            </td>
            <td><?= $contact['contact_id']; ?></td>
            <td><?= $contact['firstname']; ?></td>
            <td><?= $contact['lastname']; ?></td>
            <td><?= $contact['message_contact']; ?></td>
            <td><?= $contact['email']; ?></td>
            <td><?= $contact['mobile']; ?></td>
            <td><?= $contact['subject_contact']; ?></td>


            </tr>
            <?php
```

3.0 System Testing

3.1 Objective of the System Testing:

A system's specification and any non-functional requirements (such as throughput and stability) that have been agreed upon with its users must be met, and this is why system testing is necessary.

The main objectives of the system testing are as follows;

- To reduce the hazards brought on by the system's operation in a certain setting.
- To confirm that a system complies with its requirements.

- To meet the customer satisfaction, cost effective, quality product.
- To ensure that there are no bugs in the website.
- To speed up the process of development.

3.2 Test Summary

Project: Crunch Fitness Development

System: Crunch Online Gym System

The system testing covered all functional and non-functional requirements, including client registration, membership management, class scheduling, payment processing., etc. the testing also covered all 7 Non-Functional requirements (NFRs) performance, security, availability, scalability, usability, Reliability and Accessibility. The testing was performed using both manual and automated testing methods. Different testing was performed like test on operating system platform, test on each functional requirement, test on web browser like safari and Crome, test on each module and test on display of the page on different device/screen.

3.3 Rationale for the result

When member register with an existing username or email in our database, it should be error

Pass	Both error shown and user and stayed on the same page
Fail	
Partial Pass	

When member register with confirming a difference password error should be shown

Pass	Password doesn't match
Fail	
Partial Pass	

When member register new username and email from our database and also the matching the password.

Pass	Member successfully login into a new page with member dashboard appear
Fail	
Partial Pass	

Member Login with the wrong password or username

Pass	Error shown wrong pass/username com
Fail	
Partial Pass	

Member Login with the correct password or username

Pass	Logged in and shown login sign in green
Fail	
Partial Pass	

Member update his details in user account

Pass	
Fail	
Partial Pass	Change password is not working, the rest is okay

When member click the available product at the cart button in shopping page should appear in the cart page

Pass	
Fail	
Partial Pass	Appear in shopping page but doesn’t show sign of paid

When member sent message with only filling first and last name

Pass	Addicted please fill in the rest
Fail	
Partial Pass	

When member sent message with all filling details

Pass	Show message success full sent and recevie in database
Fail	
Partial Pass	

When trainer register with an existing username or email in our database, it should be error

Pass	Both error shown and user and stayed on the same page
Fail	
Partial Pass	

When trainer register with confirming a difference password error should be shown

Pass	Password doesn't match
Fail	
Partial Pass	

When trainer register new username and email from our database and also the matching the password.

Pass	Member successfully login into a new page with trainer dashboard appear
Fail	
Partial Pass	

trainer Login with the wrong password or username

Pass	Error shown wrong pass/username com
Fail	
Partial Pass	

trainer Login with the correct password or username

Pass	Logged in and shown login sign in green
Fail	
Partial Pass	

When trainer click into members, a list of members should be appearing, when trainer click on “view” member profile should be appear at member-view page. Click back should be able to go back to member page.

Pass	Profile is showing and can be click back at the member's main page
Fail	
Partial Pass	

When trainer create, edit and delete classes

Pass	
Fail	
Partial Pass	All working, only the successful sign was not appearing when trainer create a new classes

When trainer click of the contact message side bar, he should not be able to edit and delete the message

Pass	Trainer can only see the messages
Fail	
Partial Pass	

When trainer click of dashboard, total member, total class, messages, it should be able to go to the relevant page. Pay rate shoud not be working

Pass	Trainer can go to other pages when clicking the link at the dashboard “total member”
Fail	
Partial Pass	

admin Login with the wrong password or username

Pass	Error shown wrong pass/username com
Fail	
Partial Pass	

admin Login with the correct password or username

Pass	Logged in and shown login sign in green
Fail	
Partial Pass	

When admin click of dashboard, total member, total class, messages and trainer it should be able to go to the relevant page.

Pass	All working
Fail	
Partial Pass	

Admin are able to manage member by creating, editing and deleting at member management

Pass	Only the error sign is not appearing when creating members
Fail	
Partial Pass	

Admin are able to manage members membership by editing the data, status and package

Pass	All working
Fail	
Partial Pass	

When Admin create, edit and delete classes

Pass	
Fail	
Partial Pass	All working, only the successful sign was not appearing when trainer create a new classis

Admin are able to edit, create and delete membership plan

Pass	All working
Fail	
Partial Pass	

Admin are able to see, edit, create and delete, in trainer management.

Pass	
Fail	
Partial Pass	Trainer failed to register

Admin are able to see and delete customer order and who ahd click into the shopping pages

Pass	All working
Fail	
Partial Pass	

Admin are able to upload image for the member shopping page, edit, create and delete

Pass	
Fail	Only edit is available, unable to upload photo
Partial Pass	

Admin delete all the message in contact message page

Pass	Delete success
Fail	
Partial Pass	

3.4 Test Operating System Platform

Test function:	Performance Testing
Test Owner:	Saurabh
Test Date:	1/3/23
Test Result:	Pass
Test Summary:	The performance testing was done to evaluate the system's speed, responsiveness, stability and scalability under various loads and conditions.

Test function:	Security Testing
Test Owner:	Saurabh
Test Date:	1/3/23
Test Result:	Pass
Test Summary:	Security testing was performed to evaluate the security features of the operating system and to check if it can protect against unauthorized access, hacking attempts and data breaches.

Test function:	Compatibility Testing
Test Owner:	Saurabh
Test Date:	1/3/23
Test Result:	Pass
Test Summary:	The compatibility testing was performed to check if the operating system is compatible with different hardware components, software applications and devices.

Test function:	Usability Testing
Test Owner:	Saurabh
Test Date:	1/3/23
Test Result:	Pass
Test Summary:	The usability testing was performed to evaluate the user-friendliness and ease of use of the operating system's interfaces and features.

3.5 Test Web Browser Platform

Google Crome, Mozilla, safari

Test function:	Google Crome
Test Owner:	Tsering
Test Date:	30/01/2023
Test Result:	Pass

Test function:	Mozilla
Test Owner:	Tsering
Test Date:	04/02/2023
Test Result:	Pass

Test function:	safari
Test Owner:	Tsering
Test Date:	04/02/2023
Test Result:	Pass

3.6 Test Display on Different Screen Size

Test function:	HP Notebook PC 15.6”
Test Owner:	sandesh
Test Date:	01/02/2023
Test Result:	Pass

Test function:	Ipad 4 9.7”
Test Owner:	sandesh
Test Date:	01/02/2023
Test Result:	Pass

3.7 Modules Testing

Index.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Home	23/01/2023	Saurabh	PASS	Click on Home will direct to index.php
TC002	About	23/01/2023	Saurabh	PASS	This will direct to About.php
TC003	Training	26/01/2023	Saurabh	PASS	This will direct to Training.php
TC004	Classes	26/01/2023	Saurabh	PASS	This will direct to Classes.php
TC005	Blog	26/01/2023	Saurabh	PASS	This will direct to blog.php
TC006	FAQ	26/01/2023	Saurabh	PASS	This will direct to faq.php
TC007	Contact	26/01/2023	Saurabh	PASS	This will direct to Contact.php
TC008	Search	26/01/2023	Saurabh	PASS	Click on will allow users to search anything on the index.php
TC009	Login	26/01/2023	Saurabh	PASS	Click on Login will allow user to select on admin.php, trainers.php and member.php
TC010	Register	26/01/2023	Saurabh	PASS	This will direct to Register.php
TC011	Contact Us	26/01/2023	Saurabh	PASS	This will direct to Contactus.php

Login.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Login text box	23/01/2023	Sandesh K201096	PASS	This will direct to index.php
TC002	Amin login	23/01/2023	Sandesh K201096	PASS	This will direct to Adminlogin.php
TC003	Member login	26/01/2023	Sandesh K201096	PASS	This will direct to memberlogin.php
TC004	Trainer login	26/01/2023	Sandesh K20106	PASS	This will direct to trainerlogin.php

Register.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Register text box	23/01/2023	Sandesh K201096	PASS	This will direct to index.php
TC002	Select option/menu	23/01/2023	Sandesh K201096	PASS	User has to select register as Member or trainer if trainer selected member approval needed
TC003	Member	26/01/2023	Sandesh K201096	PASS	This will direct to memberregisterphp
TC004	Trainer	26/01/2023	Sandesh K201096	PASS	This will direct to trainerregister.php

Memberregister.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Register text box	23/01/2023	Sandesh K201096	PASS	This will direct to register.php
TC002	Username and password	23/01/2023	Sandesh K201096	PASS	User has to write username and password to register
TC003	Register text box	26/01/2023	Sandesh K201096	PASS	This will create unique username and password to memberlogin.php

Trainerregister.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Register text box	23/01/2023	SandeshK210156	PASS	This will direct to register.php
TC002	Username and password	23/01/2023	SandeshK210156	PASS	User has to write username and password to register
TC003	Register text box	26/01/2023	SandeshK210156	PASS	This will create unique username and password to trainerlogin.php

About.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	About text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php

Training.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Training text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php

Classes.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Classes text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php

Blog.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Blog text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php

Faq.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	FAQ text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php

Contact.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Contact text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php
TC002	First and Last name	26/01/2023	SandeshK210156	PASS	User has to write their first and last name
TC003	Email and mobile num	26/01/2023	SandeshK210156	PASS	User has to write their email and mobile num

TC004	Select option/menu	26/01/2023	SandeshK210156	PASS	This will ask user to select option
TC005	Text area	26/01/2023	SandeshK210156	PASS	This will allow user to write any message
TC006	Send Messeage	26/01/2023	SandeshK210156	PASS	This will send all the details to admin

Search.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Seach text box	23/01/2023	SandeshK210156	PASS	This will direct to index.php
TC002	Search	26/01/2023	SandeshK210156	PASS	This will search any text user has written on index.php

Adminlogin.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Admin login	23/01/2023	Tsering	PASS	Click on Admin will direct to login.php
TC002	Username and password	23/01/2023	Tsering	PASS	Admin has to write username and password
TC003	Sign in	26/01/2023	Tsering	PASS	This will direct to get access to admin.php
TC004	Dashboard	26/01/2023	Tsering	PASS	This will direct to dashboard.php
TC005	Members	26/01/2023	Tsering	PASS	This will direct to members.php
TC006	Trainers	26/01/2023	Tsering	PASS	This will direct to trainers.php
TC007	Logout	26/01/2023	Tsering	PASS	Click on logout will redirect to login.php
TC008	Payment	26/01/2023	Tsering	PASS	Click on will allow admin to see payments and will redirect payment.php
TC009	Customer order	26/01/2023	Tsering	PASS	This will allow admin to see customer orders and will redirect toCustomerorder.php
TC010	Inventory	26/01/2023	Tsering	PASS	This will direct to inventory.php

Memberlogin.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Member login	23/01/2023	Tsering	PASS	Click on Member will direct to login.php
TC002	Username and password	23/01/2023	Tsering	PASS	Member has to write their username and password
TC003	Sign in	26/01/2023	Tsering	PASS	This will direct to get access to member.php
TC004	Dashboard	26/01/2023	Tsering	PASS	This will direct to dashboard.php
TC005	Account	26/01/2023	Tsering	PASS	This will direct to memebers account
TC006	Shopping	26/01/2023	Tsering	PASS	This will direct to shopping.php
TC007	Cart	26/01/2023	Tsering	PASS	Members will able to see what in their cart
TC008	Logout	26/01/2023	Tsering	PASS	This will direct to Login.php

Trainerlogin.php

Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Trainer login	23/01/2023	Samuel	PASS	Click on Trainer will direct to login.php
TC002	Username and password	23/01/2023	Samuel	PASS	Trainer has to write their username and password
TC003	Sign in	26/01/2023	Samuel	PASS	This will direct to get access to Trainer.php
TC004	Members booking	26/01/2023	Samuel	PASS	This will direct to membersclass.php

Contactus.php

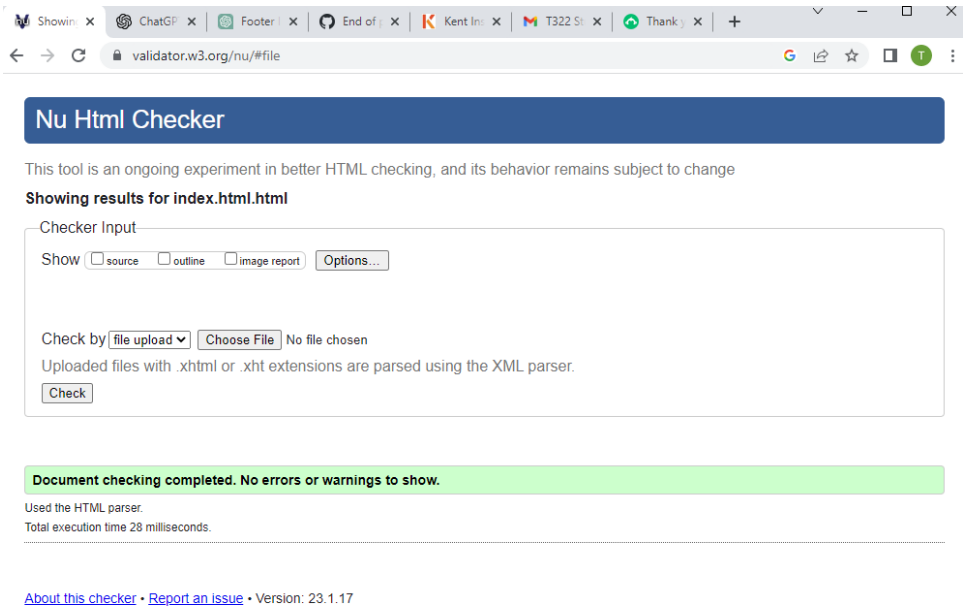
Test ID	Test Function	Test Date	Tester	Test Result	Comments
TC001	Contactus text box	23/01/2023	Samuel	PASS	This will direct to index.php
TC002	First and Last name	26/01/2023	Samuel	PASS	User has to write their first and last name
TC003	Email and mobile num	26/01/2023	Samuel	PASS	User has to write their email and mobile num
TC004	Select option/menu	26/01/2023	Samuel	PASS	This will ask user to select option

TC005	Text area	26/01/2023	Samuel	PASS	This will allow user to write any message
TC006	Send Messeage	26/01/2023	Samuel	PASS	This will send all the details to admin

3.8 System Validation

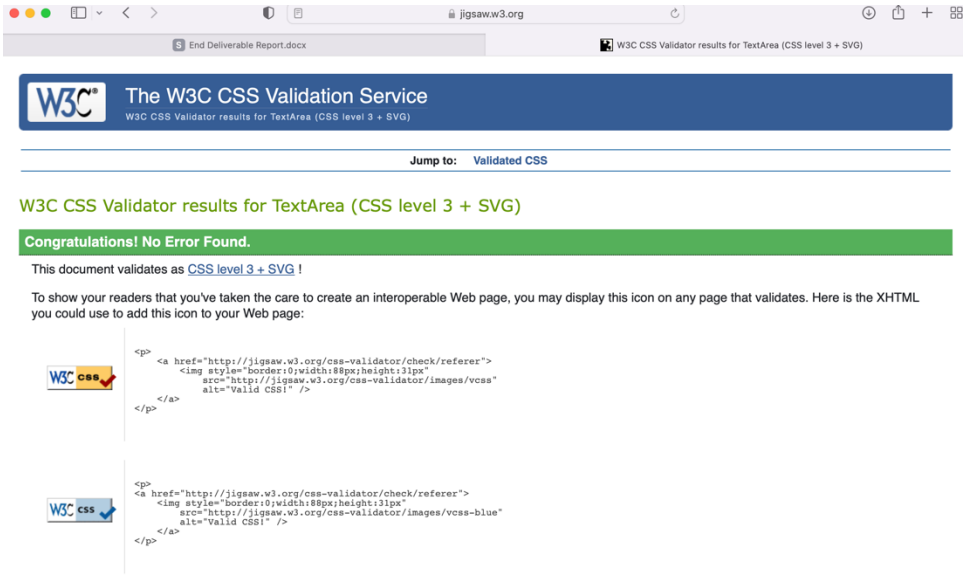
3.8.1 Hypertext Markup Language (HTML) Validation

W3C HTML – validation

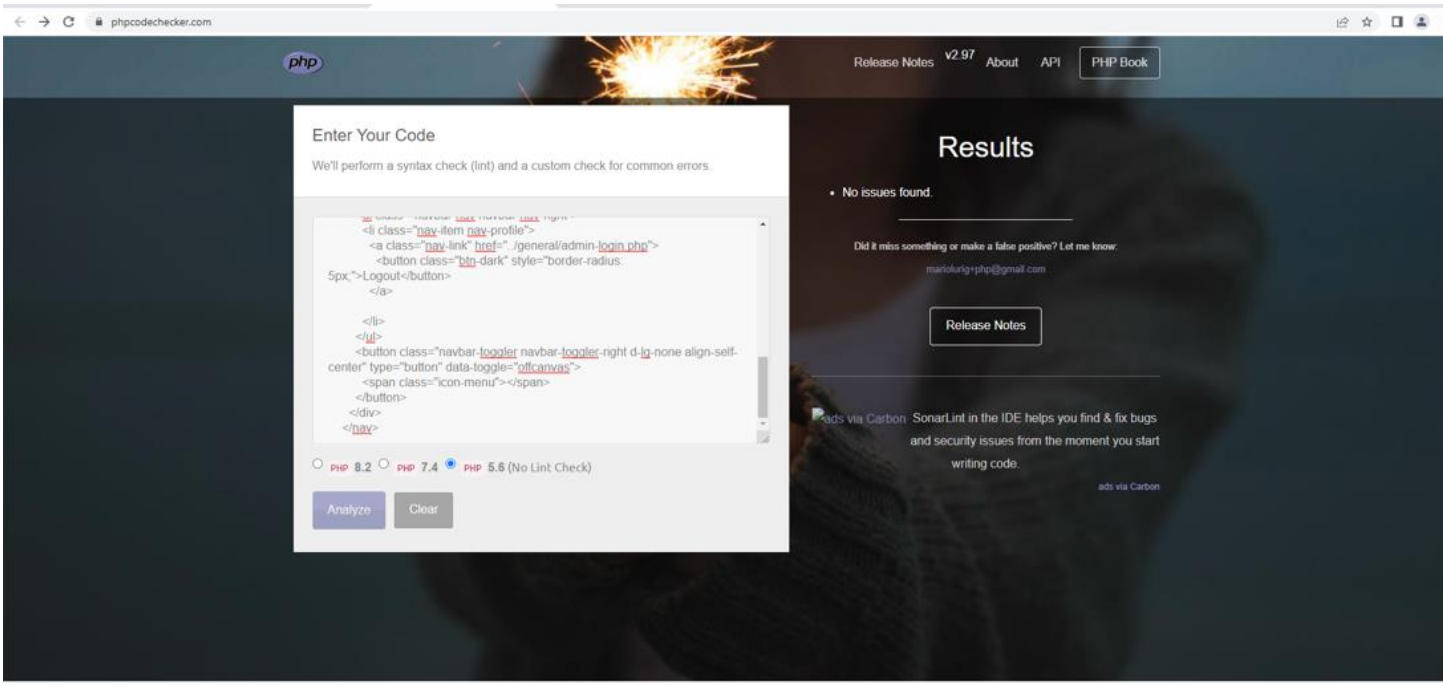


3.8.2 Cascading Style Sheets (CSS) Validation

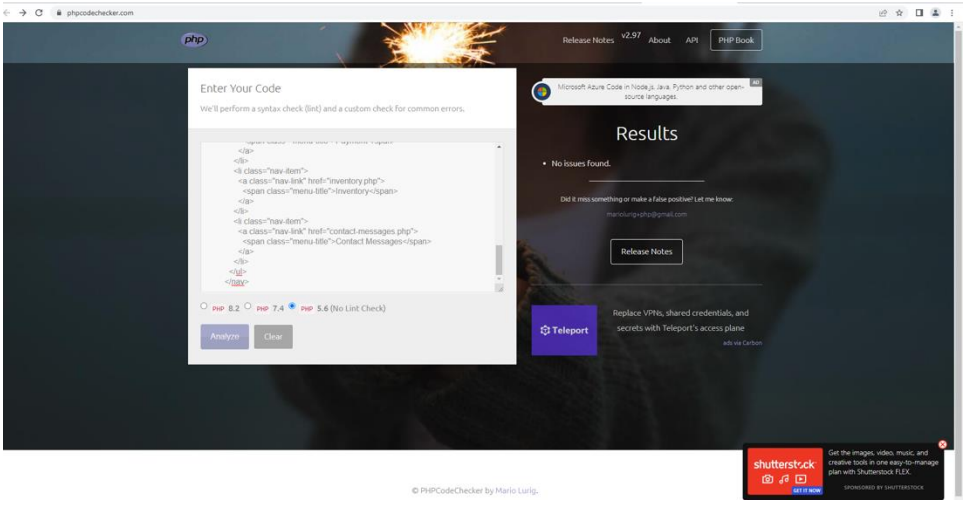
CSS validator



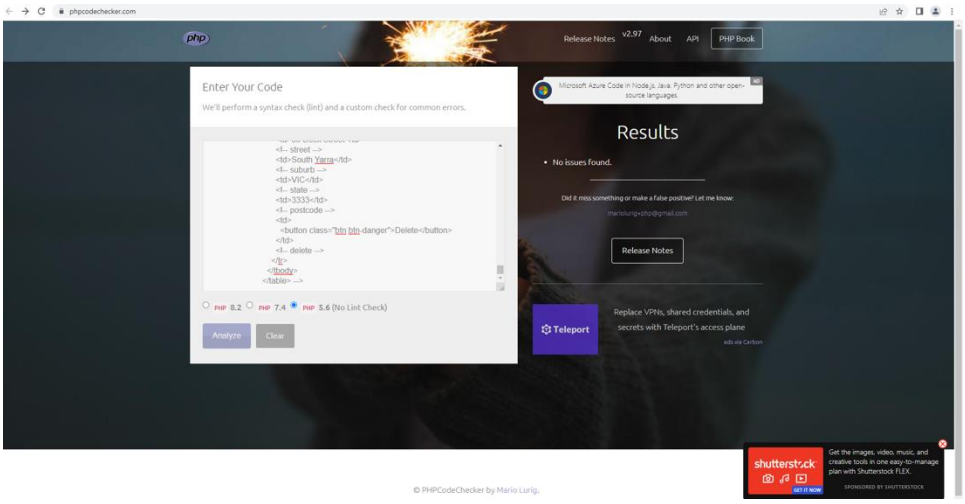
3.8.3 PHP Validation



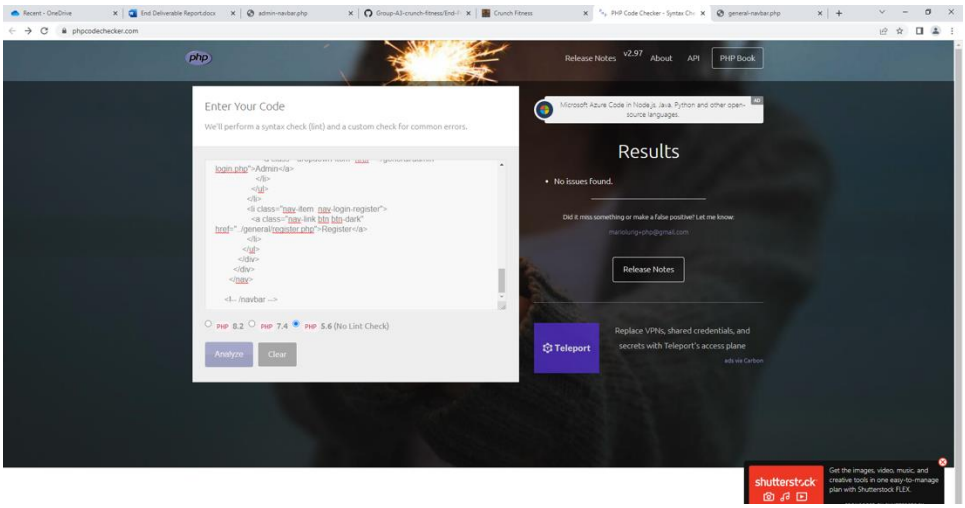
- Login.php



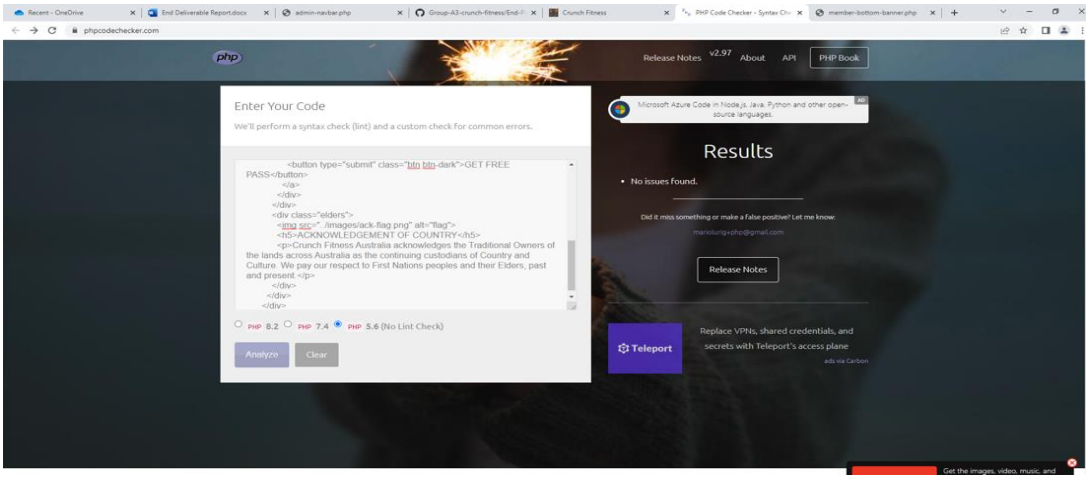
- Inventory.php

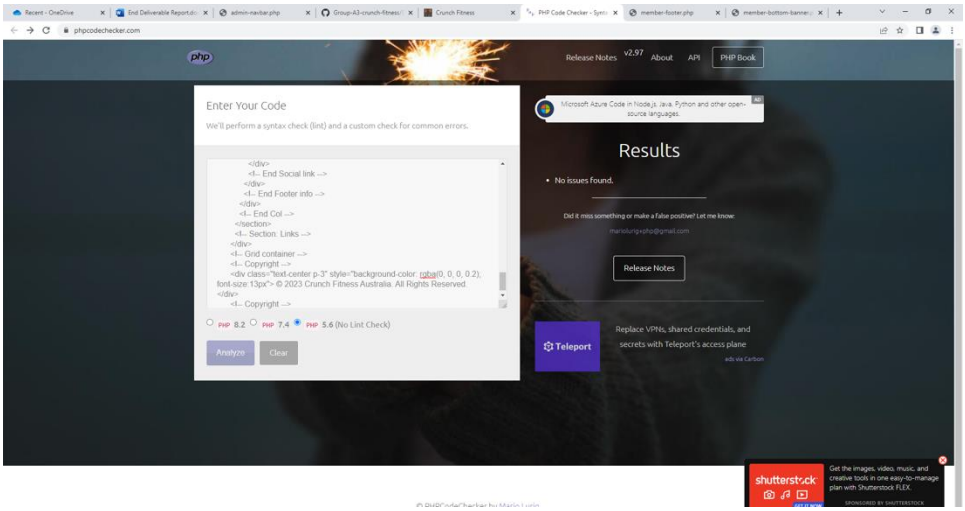


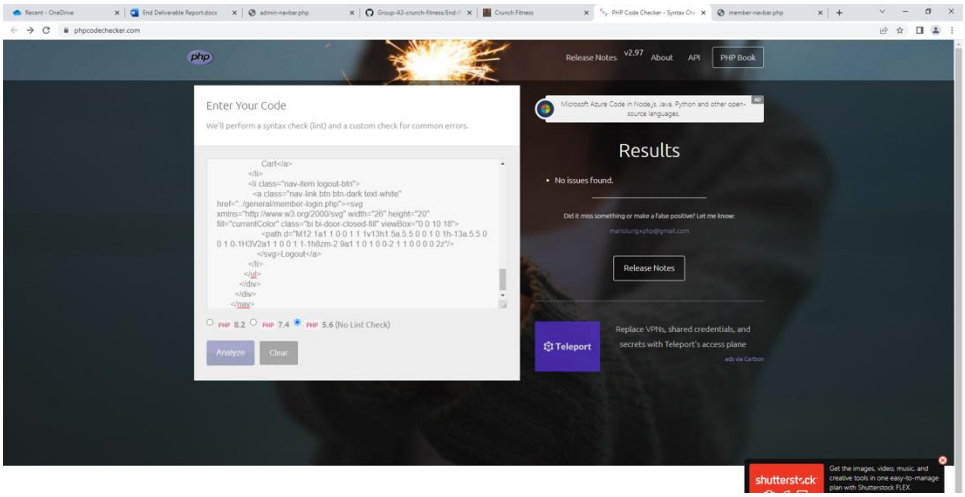
-



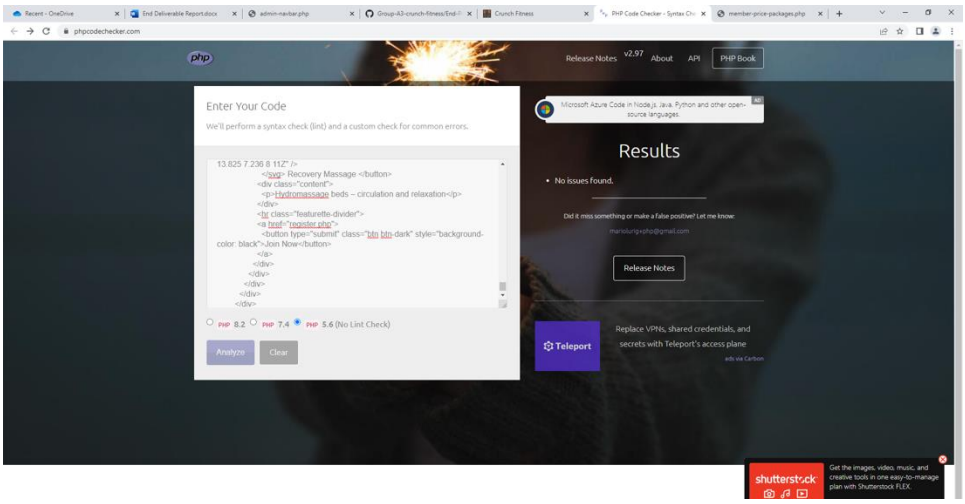
- Register.php

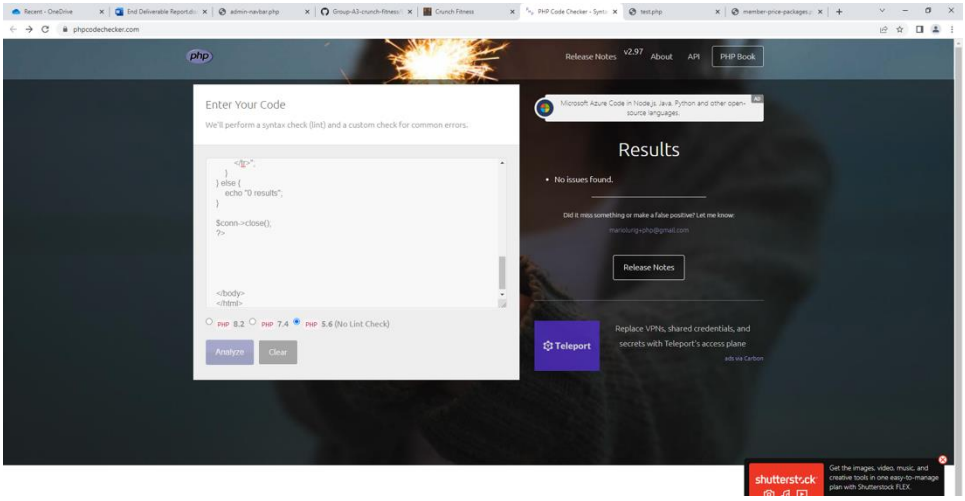




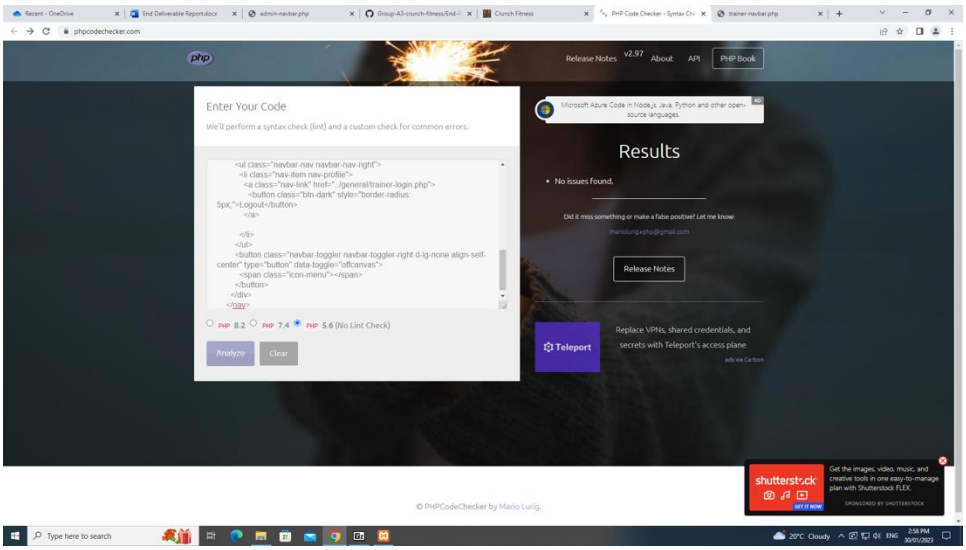


- Member-login.php

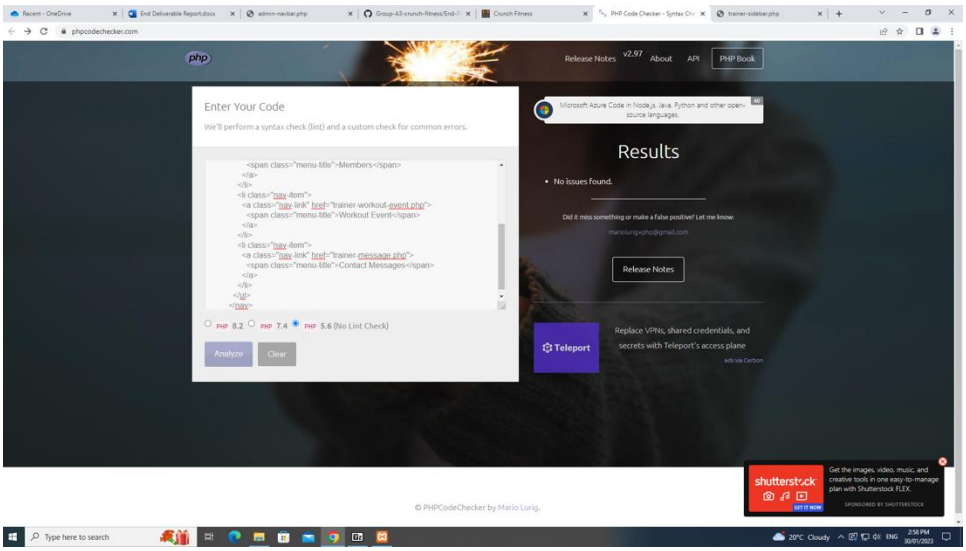




- Order.php



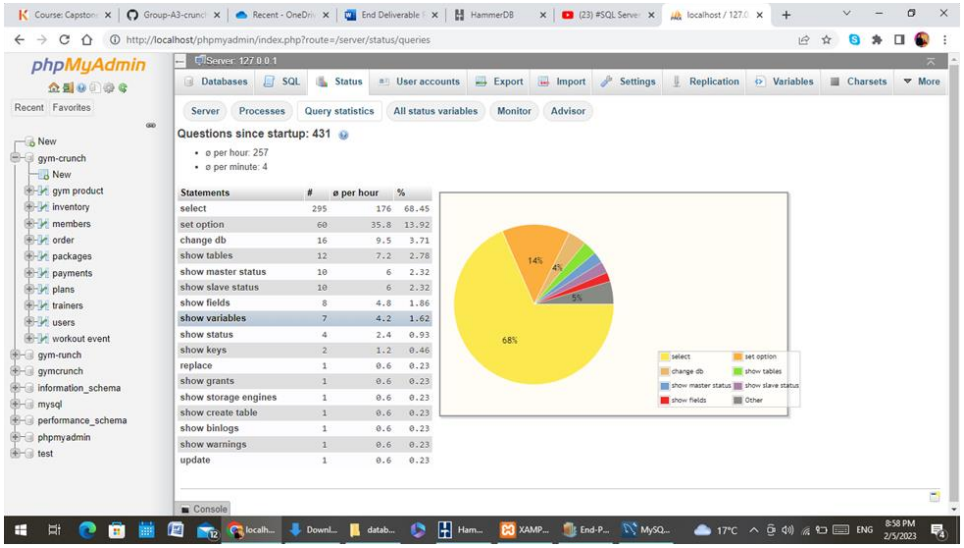
- Trainer.php



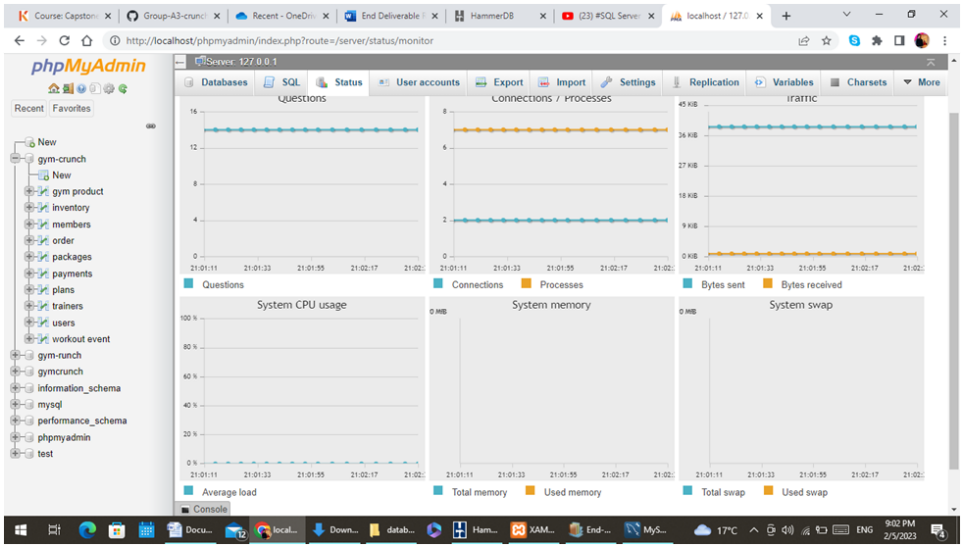
- Trainer-workout-event.php

3.8.4 Database Performance Evaluation.

The database performance evaluation is the maximization of resource usage to boost throughput and reduce congestion, allowing the biggest workload to be performed.



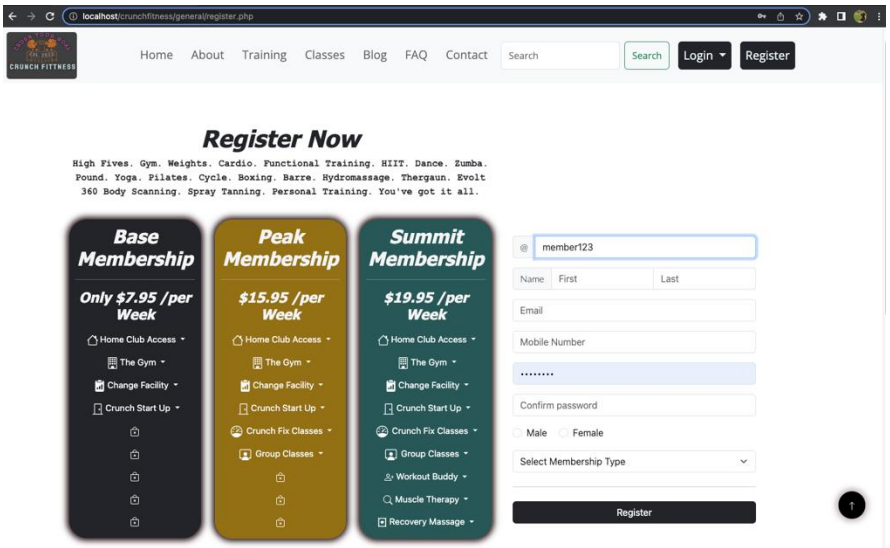
- Database Status



4.0 Supporting Documents

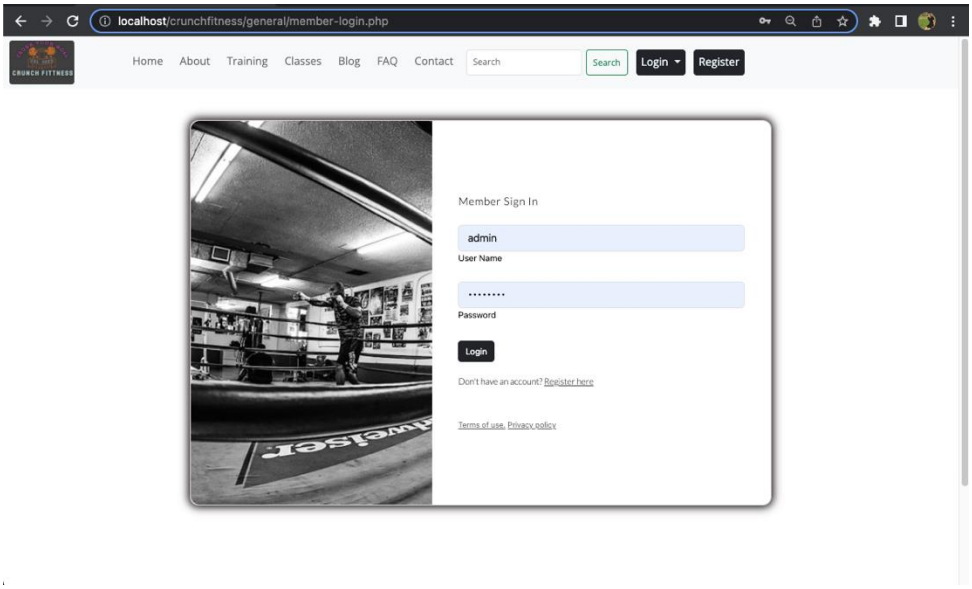
4.1 User Manual

1. Register/ Sign up page:



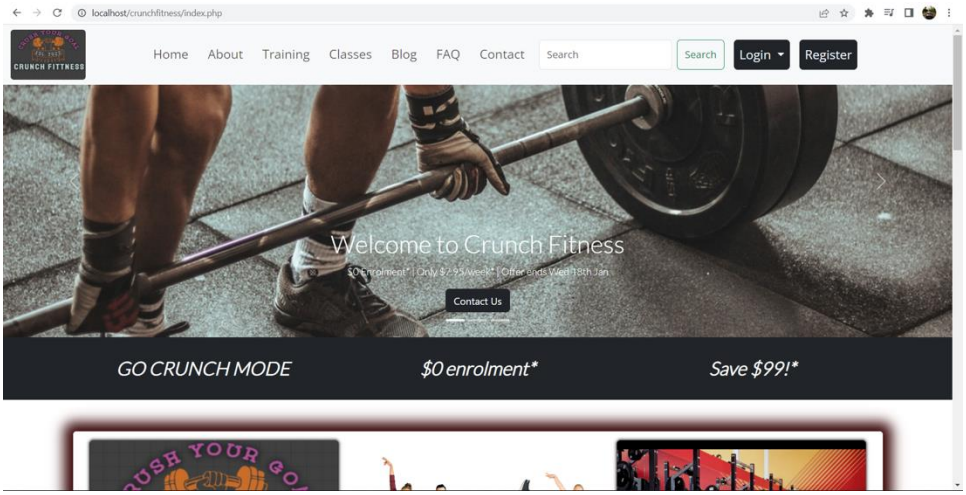
This is the sign-up page. This page allows user to sign up, register as a member, or trainer. In this page, you need to fill up the details such as First name, Last name, e-mail address and password and confirm password. All of these details are stored in the database and the user is registered successfully.

2. Login page:



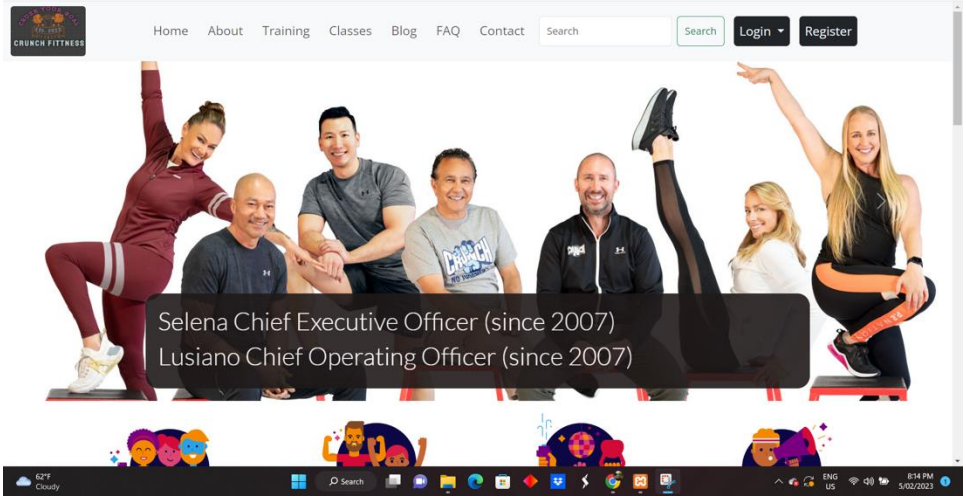
This is the login page where user login to their respective account/portal to get access. In the login, user needs to fill up the details such as Login User name and password. User can only get access when the details get matched with database. Otherwise, the access will be denied.

3. Home page:



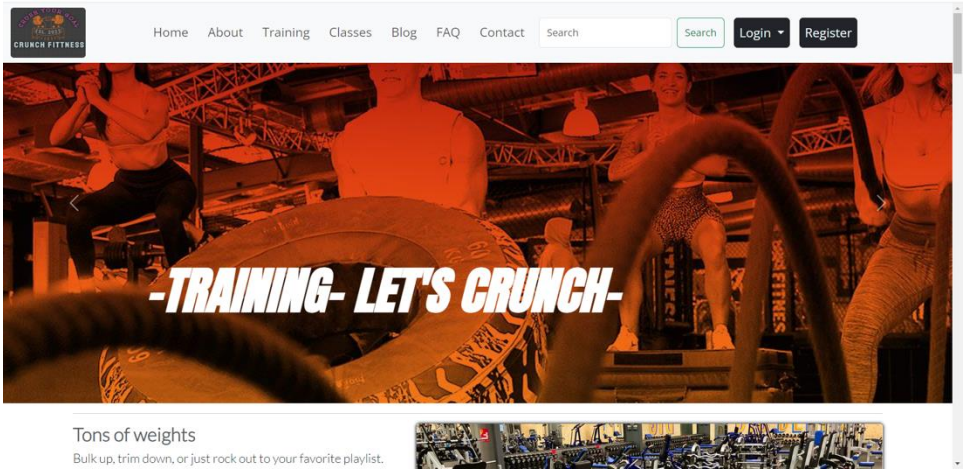
This is the home or main page of the website. It displays the main menu of the website. It shows all the options, paths of the website. In this home page, we can see About, Training, Classes, Blog, FAQ, Contact, search and also login and register menus. This home page also contains the types of membership with a beautiful welcoming page.

4. About page:



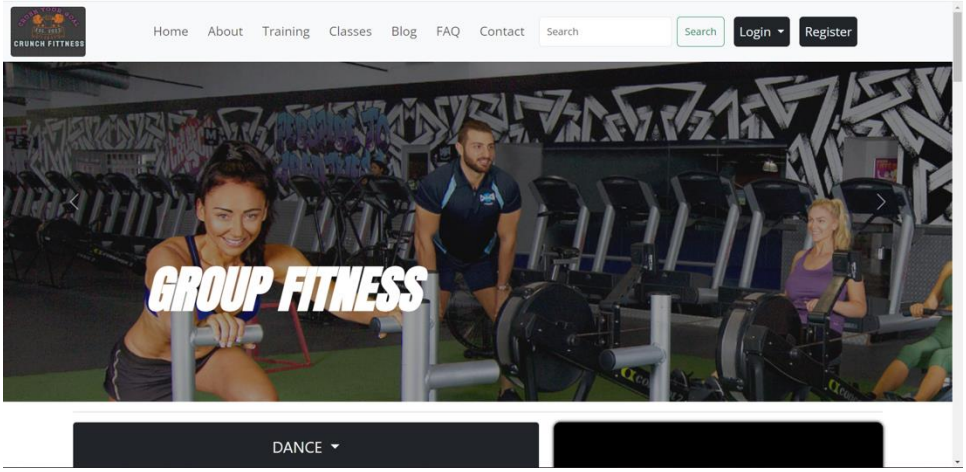
This the about page. Basically, It briefly describes the general information of the gym, also introduces the team members and professionals along with the Owners and background of the gym.

5. Training page:



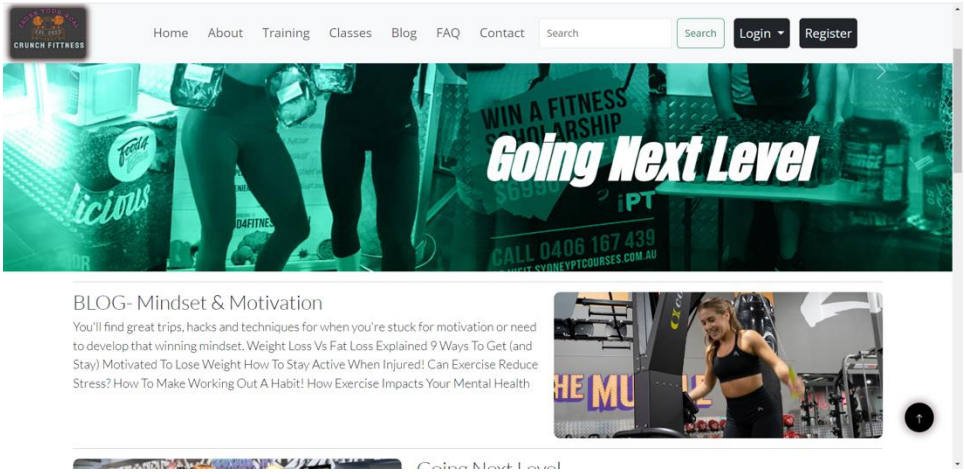
This is the training page. Here you can see the information related to training, personal trainer and proper usage of equipment. In this page, there are different forms of training available that you can get in order to reach your goal.

6. Classes:



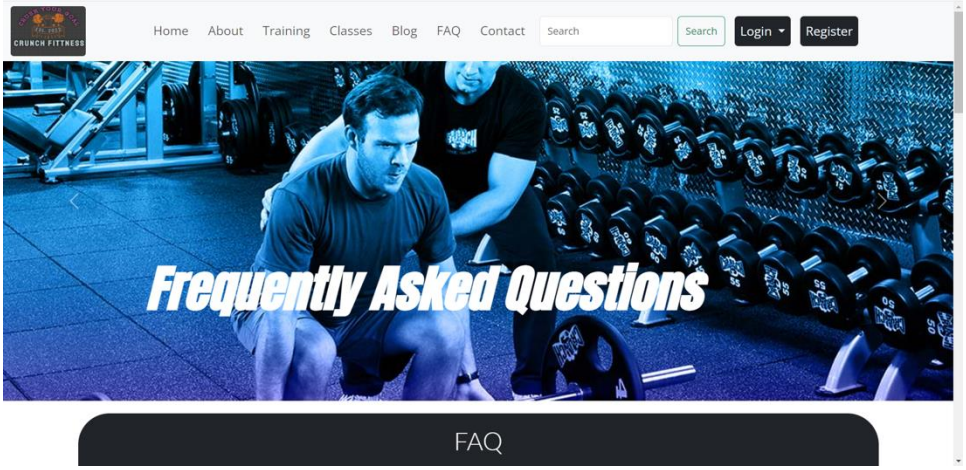
This page shows the different types of classes available in the gym. For example, dance classes, Fitness, Flow, HIIT, Recovery, Strength and so on. In this page, you can also book the classes that you desire.

7. Blog:



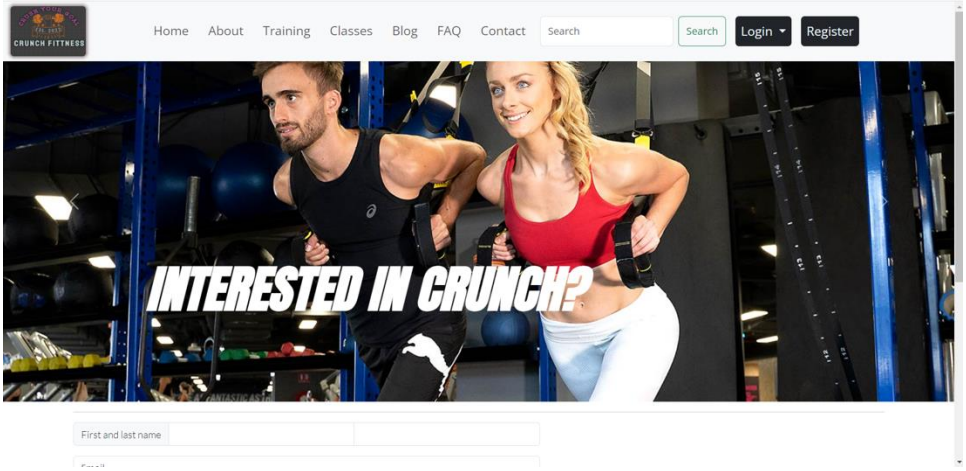
In this page, user can see, post the achievements acquired from the gym. In gives user the information about the mindset, motivation, pictures related to before and after going to the gym.

8. FAQ:



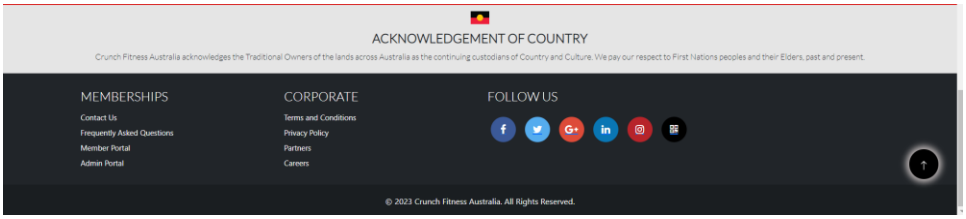
In this page, users can see all the frequently asked questions from the other users along with their genuine answers.

9. Contact Us:



In this page, users are able to contact, send messages directly to the authorities. In order to do so, users are required to fill up the form. Users need to fill up the First and Last name, Mobile number, select user type such as trainer, member and type the message in the dialogue box and send it. Also, in this page, there are all the forms of contacts such as email, phone numbers, social media links, to communicate.

10. Footer section:



In this footer section of the website, there are multiple options such as contact us, FAQ, Member portal, Admin portal. Also, there are terms and conditions, privacy policy, partner, Careers. In this section, on

the right side, there are social medial links provided to create a communication between users and authorities.