

BudgetBuddy

Personal Financial Tracker

Presented by PicoParkGroup

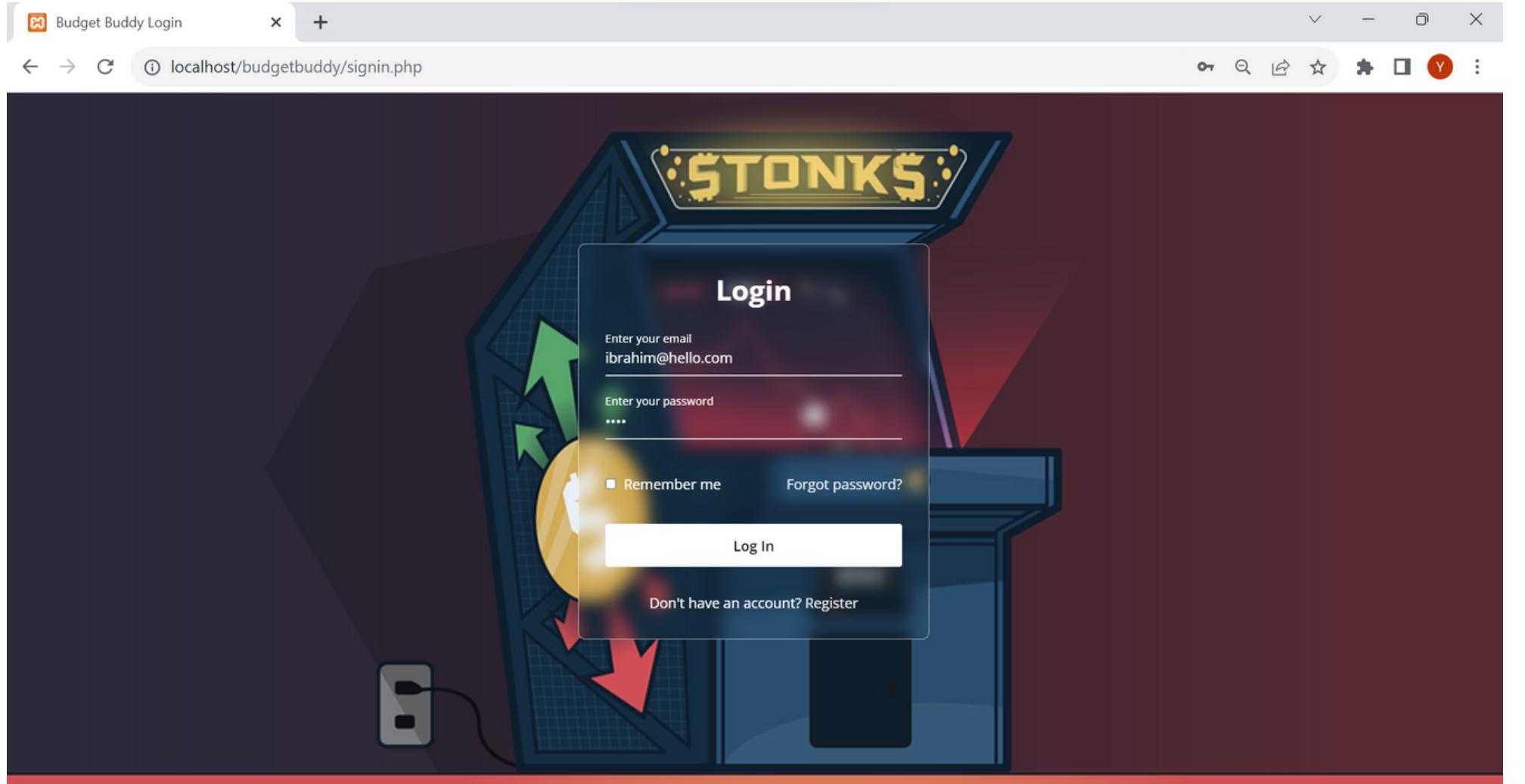
Developer Guide



http://localhost/budgetbuddy/signin.php

Enter the URL above in the URL bar to go to the login page.

Login Page



signin.php

```
<?php

session_start();
include("../include/config.php");
include("../include/mysql.php");

$db = new myConnection;

// Checking if the form is submitted with the 'post' button
if (isset($_POST['post'])) {
    $email = $_POST['email'];
    $password = $_POST['password'];

    // Query to retrieve user data based on the provided email
    $sql = "SELECT * FROM users WHERE email='$email'";
    $res = $db->query($sql);

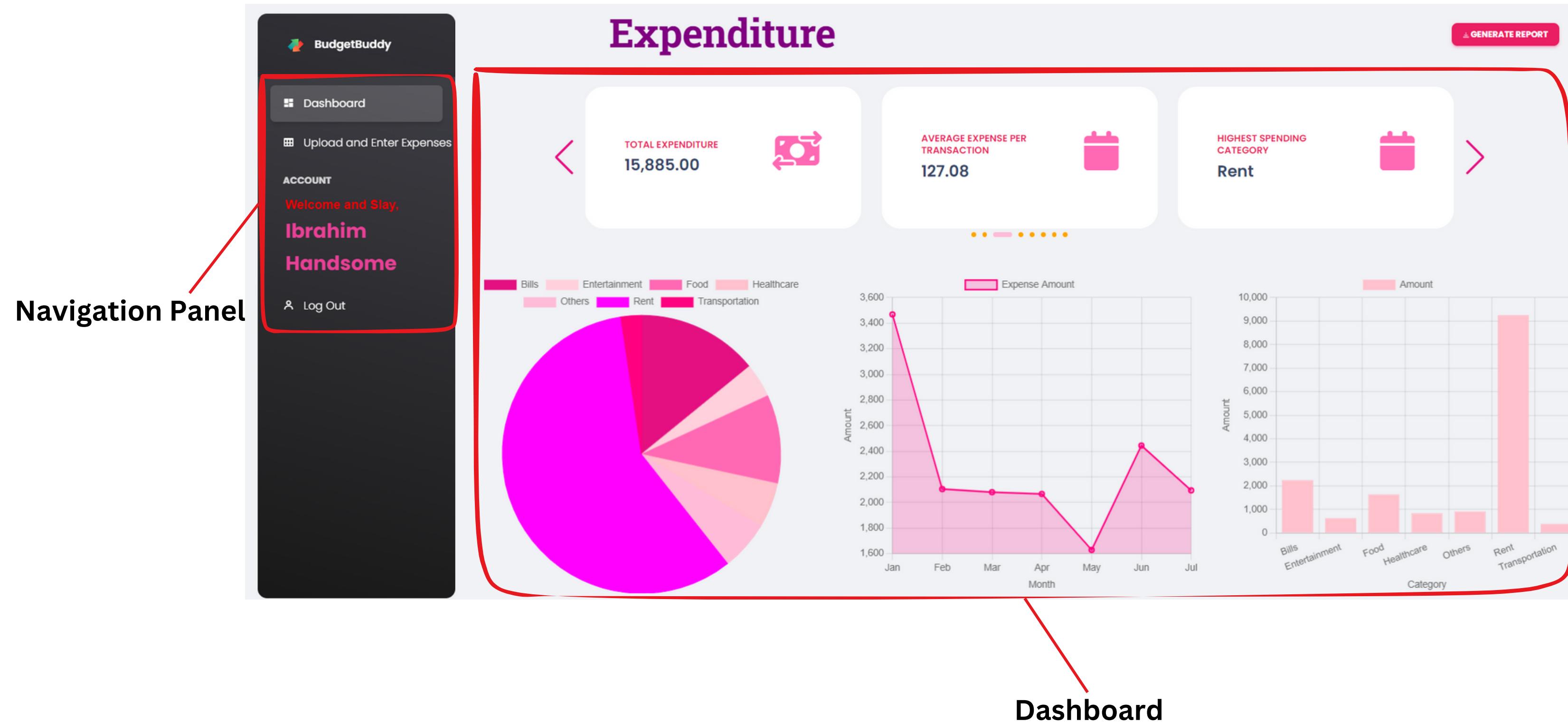
    // Checking if the user exists in the database
    if ($res && $res->num_rows === 1) {
        $row = $db->fetchArray($res);
        $storedHashedPassword = $row['password']; // Fetch the hashed password from the database

        // Use password_verify to check the provided password
        if (password_verify($password, $storedHashedPassword)) {
            // Password is correct, log the user in
            $_SESSION['email'] = $email;
            $_SESSION['is_login'] = 1;
            $_SESSION['is_verified'] = 1;
            $_SESSION['user_name'] = $row['name']; // Store the user's name in session

            $db->pageredirect("../dashboard.php");
            die();
        }
    }
}

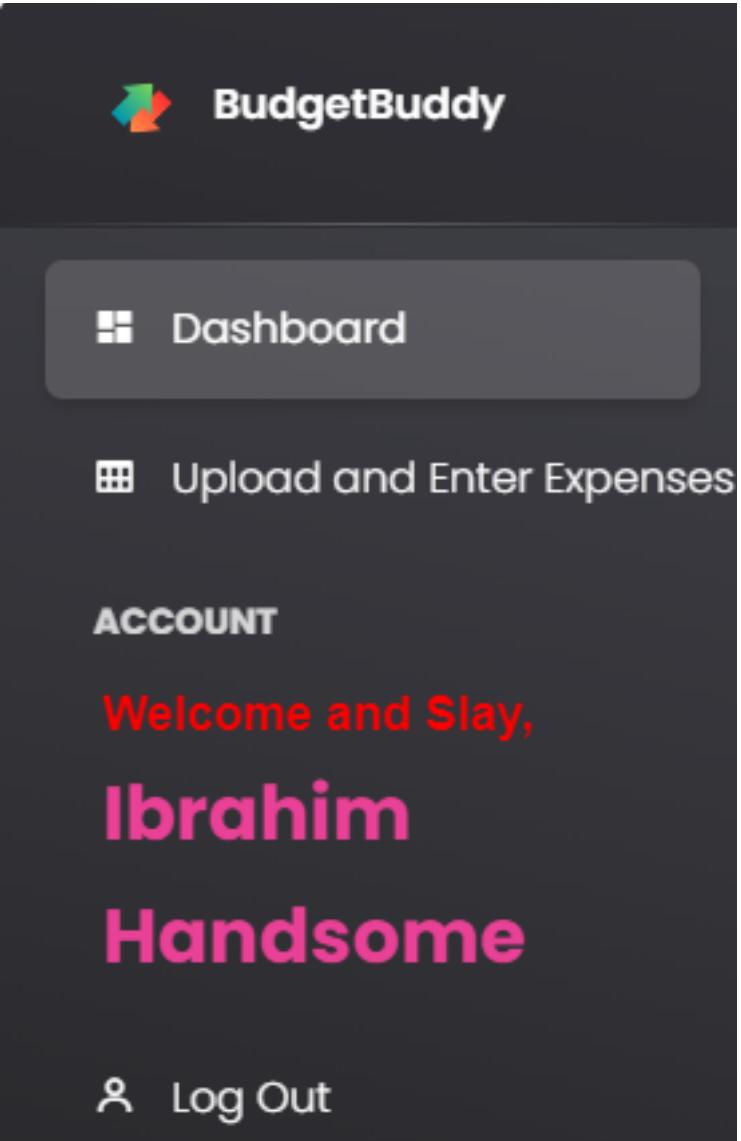
// If the user does not exist or the password is incorrect
$db->pageredirect("../signin.php");
```

Main Page - Features



navbar.php

Navigation Panel



```
        },
        // Add more links here if needed
    ];

    // Loop through the links array and generate the HTML code
    for (const link of links) {
        const isActive = link.href === currentPage;
        document.write(`

            <li class="nav-item">
                <a id="${link.id}" class="nav-link text-white ${isActive ? 'active' : ''}" href="${link.href}">
                    <div class="text-white text-center me-2 d-flex align-items-center">
                        <i class="${link.icon}"></i>
                    </div>
                    <span class="nav-link-text ms-1">${link.text}</span>
                </a>
            </li>
        `);
    }
}

</script>

</ul>

<ul class="navbar-nav">
    <li class="nav-item mt-3">
        <h5 class="ps-4 ms-2 text-uppercase text-xs text-white font-weight-normal">ACCOUNT</h5>
    </li>
    <?php
        // Check if the session variable 'user_name' exists
        if (isset($_SESSION['user_name'])) {
            $user_name = $_SESSION['user_name'];
            // Display the welcome message with the user's name
            echo "<li class='nav-item'>
                    <h6 class='welcometext'>Welcome and Slay, <br>
                    <span>$user_name</span></h6>
                </li>";
        }
    ?>

    <li class="nav-item">
        <a class="nav-link text-white" href="signin.php">
            <div class="text-white text-center me-2 d-flex align-items-center">
                <i class='bx bx-user'></i>
            </div>
            <span class="nav-link-text ms-1">Log Out</span>
        </a>
    </li>

```

Dashboard

Expenditure

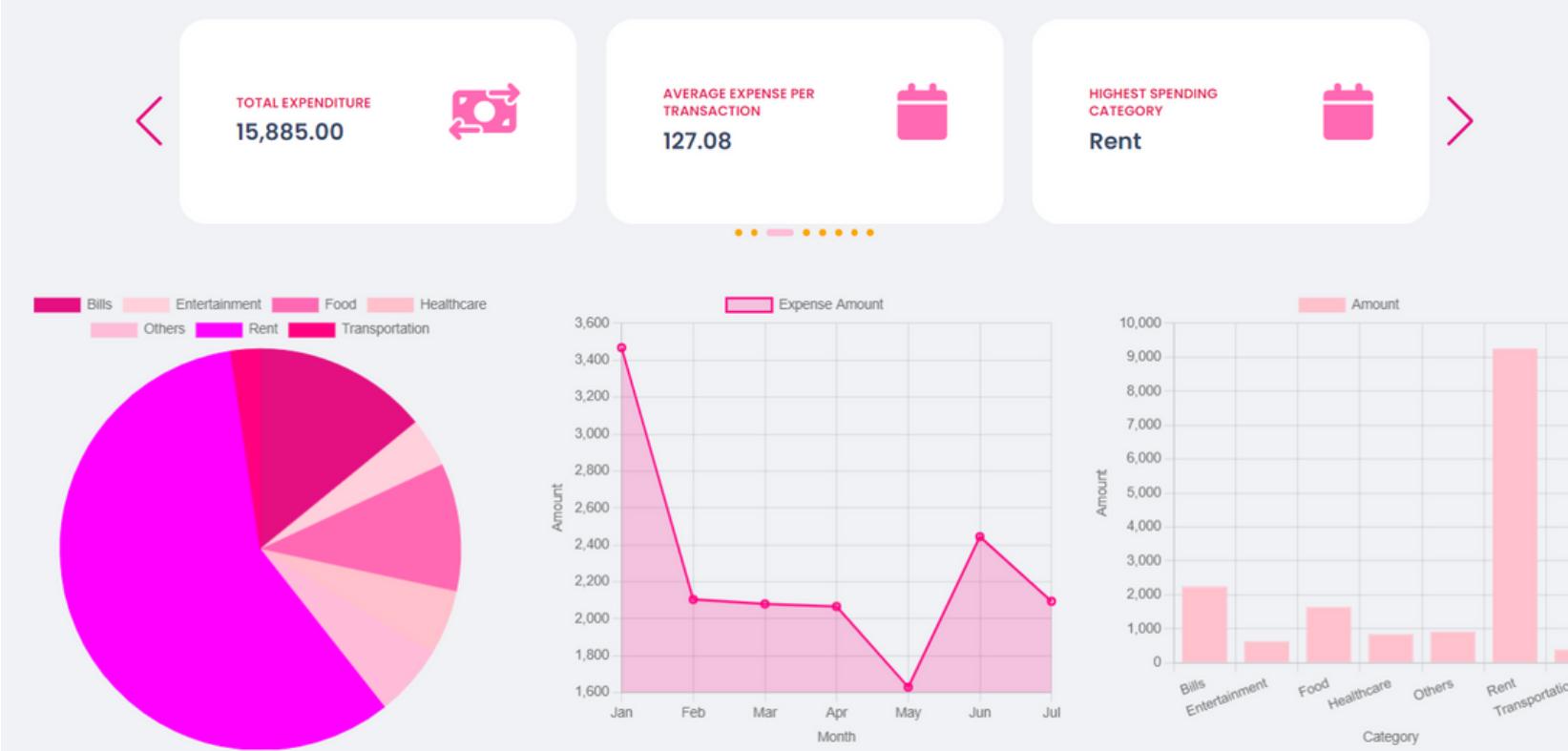


Chart JS Script

```

var pieLabels = pieChartData.map(item => item.category);
var pieAmounts = pieChartData.map(item => item.amount);

var ctxPie = document.getElementById('pieChart').getContext('2d');
var myPieChart = new Chart(ctxPie, {
    type: 'pie',
    data: {
        labels: pieLabels,
        datasets: [{
            data: pieAmounts,
            backgroundColor: [
                'rgba(228, 16, 129, 1)',
                'rgba(255, 209, 220, 1)',
                'rgba(255, 105, 180, 1)',
                'rgba(255, 193, 204, 1)',
                'rgba(255, 188, 217, 1),
                'rgba(255, 0, 255, 1)',
                'rgba(255, 0, 128, 1)'
            ],
            borderColor: [
                'rgba(228, 16, 129, 1)',
                'rgba(255, 209, 220, 1)',
                'rgba(255, 105, 180, 1),
                'rgba(255, 193, 204, 1),
                'rgba(255, 188, 217, 1),
                'rgba(255, 0, 255, 1),
                'rgba(255, 0, 128, 1)'
            ],
            borderWidth: 1
        }]
    },
    options: {
        responsive: true,
        maintainAspectRatio: false,
        title: {
            display: true,
            text: 'Expense Distribution by Category'
        }
    }
})

```

Codes for Dynamic Cards

```

<!-- This Code Segment Generates the Swiper -->


<div class="container">
        <h1 class="sub-title">Expenditure</h1>
    </div>
    <div class="slide-container swiper">
        <div class="swiper analytics">
            <div class="swiper-wrapper">
                <?php foreach ($cards as $card) { ?>
                    <div class="swiper-slide">
                        <div class="card-body">
                            <div class="row align-items-center no-gutters">
                                <div class="col-md-8">
                                    <!-- Left Column -->
                                    <div class="text-uppercase text-primary fw-bold text-dark mb-0">
                                        <?php echo $card['title']; ?>
                                    </div>
                                    <div class="text-dark fw-bold h5 mb-0">
                                        <?php echo $card['number']; ?>
                                    </div>
                                </div>
                                <div class="col-md-4 d-flex justify-content-end">
                                    <!-- Right Column -->
                                    <?php if (isset($card['icon'])) { ?>
                                        <?php if (strpos($card['icon'], 'fa-') === 0) { ?>
                                            <i class="fas <?php echo $card['icon']; ?>>>
                                        <?php } else { ?>
                                            <i class="bx <?php echo $card['icon']; ?>>>
                                        <?php } ?>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                <?php } ?>
            </div>
        </div>
        <!-- Swiper Pagination and Nav Buttons -->
        <div class="swiper-pagination"></div>
        <div class="swiper-button-next swiper-navBtn"></div>
        <div class="swiper-button-prev swiper-navBtn"></div>
    </div>


```

Chartdata.php

```

// Query to fetch data from the 'expense record' table
$query = "SELECT SUM(amount) AS total_amount, category FROM 'expense record' GROUP BY category";

$result = mysqli_query($connection, $query);

// Check if the query executed successfully
if ($result) {
    $chart_data = array();
}

// Fetch the data and store it in the chart_data array
while ($row = mysqli_fetch_assoc($result)) {
    $chart_data[] = array(
        'category' => $row['category'],
        'amount' => floatval($row['total_amount']) // Convert to float for consistency
    );
}

// Free the result set
mysqli_free_result($result);

return $chart_data;
} else {
    // Return an empty array if there was an error
    return array();
}

reference
function getChartDataForBarChart() {
    global $connection;

    // Query to fetch data from the 'expense record' table
    $query = "SELECT SUM(amount) AS total_amount, category FROM 'expense record' GROUP BY category";

    $result = mysqli_query($connection, $query);

    // Check if the query executed successfully
    if ($result) {
        $chart_data = array();
    }

    // Fetch the data and store it in the chart_data array
    while ($row = mysqli_fetch_assoc($result)) {
        $chart_data[] = array(
            'category' => $row['category'],
            'amount' => floatval($row['total_amount']) // Convert to float for consistency
        );
    }

    // Free the result set
    mysqli_free_result($result);

    return $chart_data;
} else {
    // Return an empty array if there was an error
    return array();
}

// Setting the data queries as a command
data_for_line_chart = getChartDataForLineChart();
data_for_pie_chart = getChartDataForPieChart();
data_for_bar_chart = getChartDataForBarChart();

```

Main Page - Footer

footer.php



Added to the Main Page via
the Include Function

```
<footer>
    <?php
        include 'footer.php';
    ?>
</footer>
```

```
<script src="https://kit.fontawesome.com/cf745db127.js" crossorigin="anonymous"></sc
<footer class="bfooter">
    <div class="leftfooter">
        <div class="footerpic">
            
        </div>
        <p class="linkfooter">
            <a href="#" class="link-1">Home</a>
            <a href="#">Blog</a>
            <a href="#">Pricing</a>
            <a href="#">About</a>
            <a href="#">Faq</a>
            <a href="#">Contact</a>
        </p>
        <p class="fccompanyname">BudgetBuddy © 2023</p>
    </div>
    <div class="centerfooter">
        <div>
            <i class="fa fa-map-marker"></i>
            <p>5, Jalan Universiti,<br> Bandar Sunway, 47500 Petaling Jaya, Selangor</p>
        </div>
        <div>
            <i class="fa fa-phone"></i>
            <p>+60 123456789</p>
        </div>
        <div>
            <i class="fa fa-envelope"></i>
            <p><a href="mailto:support@budgetbuddy.com">support@budgetbuddy.com</a></p>
        </div>
    </div>
    <div class="rightfooter">
        <p class="aboutfooter">
            <span>About the company</span>
            Just 5 university students lending a hand for your expenses.
        </p>
        <div class="iconfooter">
            <a href="https://www.facebook.com/"><i class="fa fa-facebook"></i></a>
            <a href="https://twitter.com/"><i class="fa fa-twitter"></i></a>
            <a href="https://linkedin.com/"><i class="fa fa-linkedin"></i></a>
            <a href="https://github.com/"><i class="fa fa-github"></i></a>
        </div>
    </div>
</footer>
```

Upload and Enter Expenses - Features

The screenshot displays the BudgetBuddy application interface. On the left, a dark sidebar contains the logo, 'Dashboard', 'Upload and Enter Expenses' (which is highlighted with a grey background), 'ACCOUNT' (with the message 'Welcome and Slay, Ibrahim Handsome'), and 'Log Out'. The main content area has two tabs: 'Automatic Entry' (highlighted with a red rounded rectangle) and 'Manual Entry / Records' (highlighted with a red rounded rectangle). The 'Automatic Entry' tab features a 'Choose File' button with 'No file chosen' text and a pink 'IMPORT' button. The 'Manual Entry / Records' tab features a green 'ADD DATA' button. Below these tabs is a section titled 'Expenses:' containing a table with one row of data. The table has columns for Transaction ID, Date, Amount Spent, Expense Category, Description, Edit, and Delete. The data row shows: Transaction ID 1004, Date 2023-05-01, Amount Spent 90, Expense Category Transportation, Description grab, Edit (pink button), and Delete (red button). A red arrow points from the text 'Display Tab' to the 'Automatic Entry' tab. Another red arrow points from the text 'Dynamic Table' to the expense table.

Automatic Entry

Choose File No file chosen

IMPORT

Manual Entry / Records

ADD DATA

Expenses:

Show 10 entries

Search:

Transaction ID	Date	Amount Spent	Expense Category	Description	Edit	Delete
1004	2023-05-01	90	Transportation	grab	EDIT	DELETE

Display Tab

Dynamic Table

Upload and Enter Expenses - Codes

```
<main class="main-content position-relative max-height-vh-100 h-100 border-radius-lg">
  <div class="container-fluid py-5">
    <div class="row">
      <div class="col-12">
        <div class="card">
          <div class="card-header p-0 position-relative mt-n4 mx-3 z-index-2">
            <div class="bg-gradient-primary shadow-success border-radius-lg pt-4 pb-3">
              <h6 class="text-white text-capitalize ps-3">Automatic Entry / File Upload</h6>
            </div>
          </div>
          <div class="card-body">
            <h6 class="mb-0">&nbsp;</h6>
            <div class="col-lg-2">
              <div class="form-group">
                <div class="row mb-1">
                  <label for="file"></label>
                  <form class="" action="" method="post" enctype="multipart/form-data">
                    <input type="file" name="excel" required value="" class="mb-3">
                    <button type="submit" name="import" class="btn btn-primary submitBtn">Import</button>
                  </form>
                </div>
              </div>
            </div>
            <div>
              <!-- PHP to Insert New Entry -->
              <div class="modal fade" id="transactionaddmodal" tabindex="-2" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
                <div class="modal-dialog" role="document">
                  <div class="modal-content">
                    <div class="modal-header">
                      <h5 class="modal-title" id="exampleModalLabel">Add Transaction </h5>
                      <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                      </button>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
<!-- PHP to Insert New Entry -->
<div class="modal fade" id="transactionaddmodal" tabindex="-2" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="exampleModalLabel">Add Transaction </h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
    </div>
  </div>
</div>
```

entry.php code

```
<?php

// Establishing a connection to the MySQL database server and selecting "budgetbuddy" database
$connection = mysqli_connect("localhost", "root", "");
$db = mysqli_select_db($connection, 'budgetbuddy');

// Checking if the form is submitted with the 'insertdata' button.
if (isset($_POST['insertdata'])) {
  // Get the values from the form
  $date = $_POST['date'];
  $amount = $_POST['amount'];
  $category = $_POST['category'];
  $description = $_POST['description'];

  // Check if any of the fields are empty
  if (empty($date) || empty($amount) || empty($category) || empty($description)) {
    echo '<script> alert("All fields are required."); </script>';
  } else {
    // Inserting data into the 'expense record' table
    $query = "INSERT INTO `expense record` (`Date`, `Amount`, `Category`, `Description`) VALUES ('$date', '$amount', '$category', '$description')";

    // Checking if the query executed successfully and displaying a message
    if ($query_run) {
      echo '<script> alert("Data Saved"); </script>';
    } else {
      echo '<script> alert("Data Not Saved"); </script>';
    }
  }
  // Redirecting the user back to the 'entry.php' page after processing
  echo '<script> window.location.replace("http://localhost/budgetbuddy/entry.php"); </script>';
}

?>
```

insertcode.php
to manually add the data

```
// Add fields to the update_fields array only if they are not empty
if (!empty($date)) {
  $update_fields[] = "date='$date'";
}

if (!empty($amount)) {
  $update_fields[] = "amount='$amount'";
}

if (!empty($category)) {
  $update_fields[] = "category='$category'";
}

if (!empty($description)) {
  $update_fields[] = "description='$description'";
}

// Check if there are any fields to update
if (!empty($update_fields)) {
  // Join the update_fields array into a single string separated by commas
  $update_query = implode(", ", $update_fields);

  // Add the update_query to the main query
  $query .= $update_query;

  // Add the WHERE clause
  $query .= " WHERE transaction_id='$id'";

  // Execute the update query
  $query_run = mysqli_query($connection, $query);

  if ($query_run) {
    echo '<script> alert("Data Updated"); </script>';
    // Redirect to the mainpage or any other page after successful update
    $base_url = 'http://' . $_SERVER['HTTP_HOST'] . dirname($_SERVER['PHP_SELF']);
    echo '<script> window.location.replace("http://localhost/budgetbuddy/entry.php"); </script>';
  } else {
    echo '<script> alert("Data Not Updated"); </script>';
  }
} else {
  // Display a message indicating no fields were updated
  echo '<script> alert("No fields were updated. Please make changes before trying again."); </script>';
}

?>
```

updatecode.php
to edit the data

```
<?php
// Establishing a connection to the MySQL database server and selecting "budgetbuddy" database
$connection = mysqli_connect("localhost", "root", "");
$db = mysqli_select_db($connection, 'budgetbuddy');

if (isset($_POST['deletedata'])) {
  $id = $_POST['delete_id'];

  // SQL query to delete a record from the 'expense record' table based on the provided transaction_id.
  $query = "DELETE FROM `expense record` WHERE transaction_id=$id";
  $query_run = mysqli_query($connection, $query);

  if ($query_run) {
    // Displaying an alert message if data is successfully deleted.
    echo '<script> alert("Data Deleted"); </script>';
  } else {
    // Displaying an alert message if data deletion is unsuccessful.
    echo '<script> alert("Data Not Deleted"); </script>';
  }
  // Redirecting the user back to the 'entry.php' page after deleting the data.
  echo '<script> window.location.replace("http://localhost/budgetbuddy/entry.php"); </script>';
}

?>
```

deletecode.php
to delete the data

THANK
you



OneDrive Links (In Case)

https://mailsunwayedu-my.sharepoint.com/:f/g/personal/19071208_imail_sunway_edu_my/EIUIUvU9BeJAUddiDVWo5QB9DSFXBmp9V9HZFXzL50zLw?e=v1swD9

<https://shorturl.at/kszO0>