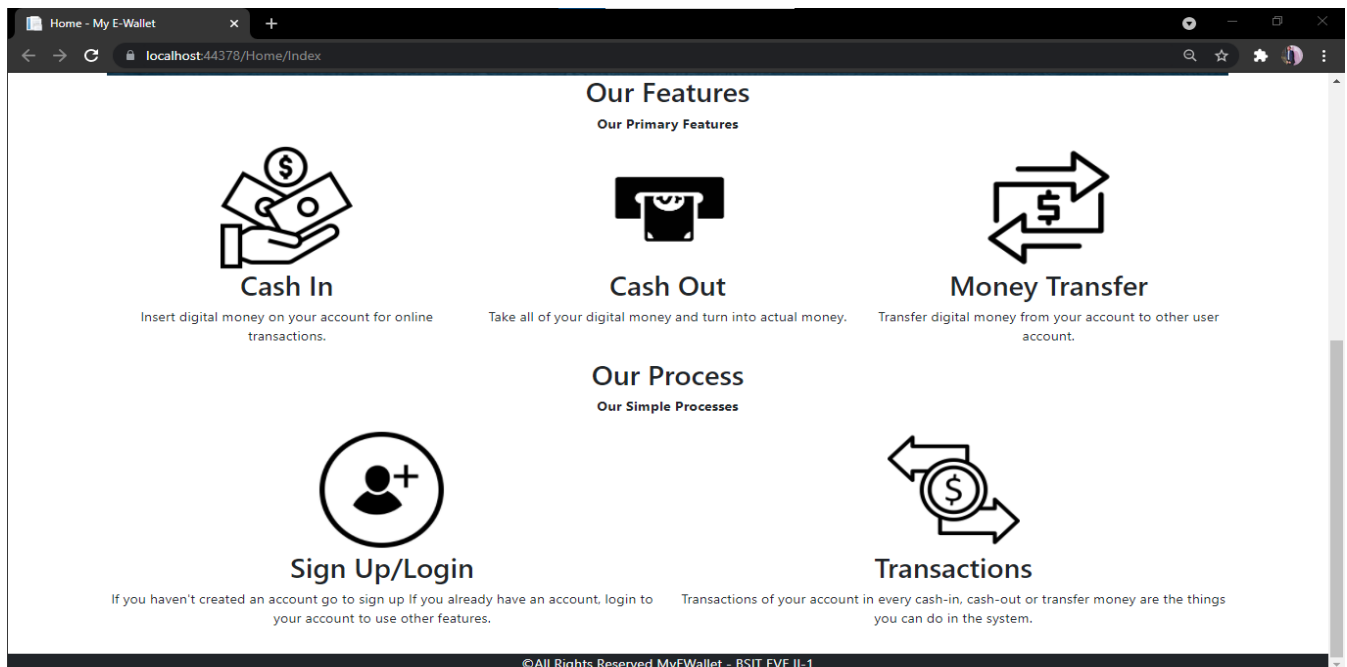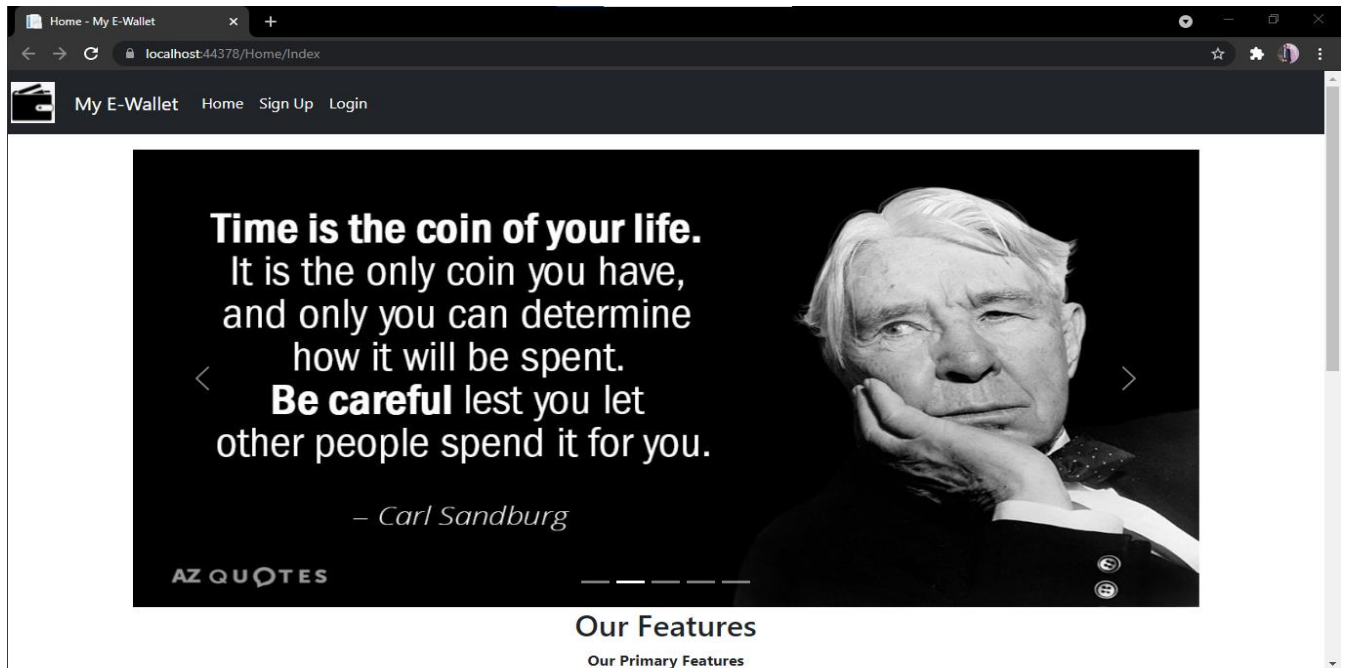BAHIO, MARVIQUINT B.

NUÑEZ, YUVIENESS MARIE B.

- **HOME DESIGN (Index.cshtml)**

HOMEPAGE CODE (Index.cshtml)

```
@{
   ViewBag.Title = "Home - My E-Wallet";
}

<html>
<body>
   <!-- Start of Carousel Section -->
   <section>
      <div id="carouselExampleIndicators" class="carousel slide container-fluid" data-bs-ride="carousel">
         <div class="carousel-indicators">
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="1" aria-label="Slide 2"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="2" aria-label="Slide 3"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="3" aria-label="Slide 4"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="4" aria-label="Slide 5"></button>
         </div>
         <div class="carousel-inner">
            <div class="carousel-item active">
               <img src="~/Pictures/money-bg-1.jpg" height="500" class="d-block w-100" />
            </div>
            <div class="carousel-item">
               <img src="~/Pictures/money-bg-2.jpg" height="500" class="d-block w-100" />
            </div>
            <div class="carousel-item">
               <img src="~/Pictures/money-bg-3.jpg" height="500" class="d-block w-100" />
            </div>
            <div class="carousel-item">
               <img src="~/Pictures/money-bg-4.jpg" height="500" class="d-block w-100" />
            </div>
            <div class="carousel-item">
               <img src="~/Pictures/money-bg-5.jpg" height="500" class="d-block w-100" />
            </div>
         </div>
         <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Previous</span>
         </button>
         <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Next</span>
         </button>
      </div>
   </section>

   <section>
      <div class="container">
         <div class="row">
            <div class="col-12">
               <center>
                  <h2>Our Features</h2>
                  <p><b>Our Primary Features </b></p>
               </center>
            </div>
         </div>
         <div class="row">
            <div class="col-md-4">
               <center>
```

```html
        <img width="150px" src="~/Pictures/cashin.png" />
        <h2>Cash In</h2>
        <p class="text-justify">
            Insert digital money on your account for online transactions.
        </p>
      </center>
    </div>

    <div class="col-md-4">
      <center>
        <img width="150px" src="~/Pictures/cashout.png" />
        <h2>Cash Out</h2>
        <p class="text-justify">
            Take all of your digital money and turn into actual money.
        </p>
      </center>
    </div>

    <div class="col-md-4">
      <center>
        <img width="150px" src="~/Pictures/moneytransfer.png" />
        <h2>Money Transfer</h2>

        <p class="text-justify">
            Transfer digital money from your account to other user account.
        </p>
      </center>
    </div>
  </div>
 </div>
</section>


<section>
  <div class="container">
    <div class="row">
      <div class="col-12">
        <center>
          <h2>Our Process</h2>
          <p><b>Our Simple Processes</b></p>
        </center>
      </div>
    </div>
    <div class="row">
      <div class="col-md-6">
        <center>
          <img width="150px" src="~/Pictures/usersignup.png" />
          <h2>Sign Up/Login</h2>
          <p class="text-justify">
              If you haven't created an account go to sign up
              If you already have an account, login to your account to use other features.
          </p>
        </center>
      </div>

      <div class="col-md-6">
        <center>
          <img width="150px" src="~/Pictures/transaction.png" />
          <h2>Transactions</h2>
          <p class="text-justify">
              Transactions of your account in every cash-in, cash-out or
```

```
            transfer money are the things you can do in the system.
        </p>
      </center>
    </div>

      </div>
    </div>
  </section>

  <!-- End of Carousel Section -->

  <script>
  $('.carouselExampleIndicators').carousel({
    interval: 3000;
  })
  </script>
</body>
</html>
```

- **SIGN UP DESIGN (SignUp.cshtml)**

SIGN UP CODE (SignUp.cshtml)

```
@{
    ViewBag.Title = "SinUp";
}

<html>
<body>
    <div class="container-fluid">
      <div class="row">
        <div class="col-md-6 mx-auto">
          <div class="card">
            <div class="card-body">
              <div class="row">
                <div class="col">
```

```html
          <center>
            <img width="150px" src="~/Pictures/user.png" />
          </center>
        </div>
      </div>

      <div class="row">
        <div class="col">
          <center>
            <h4>User Profile</h4>
          </center>
        </div>
      </div>

      <div class="row">
        <div class="col">
          <hr />
        </div>
      </div>

      <div class="row">
        <div class="col-md-6">
          Full Name:
          <div class="form-group">
            <div class="input-group">
              <input id="name" class="form-control" placeholder="Name" type="text" />
            </div>
          </div>
        </div>

        <div class="col-md-6">
          Contact Number:
          <div class="form-group">
            <div class="input-group">
              <input id="cnumber" class="form-control" placeholder="Contact Number" type="number" />
            </div>
          </div>
        </div>
      </div>

      <div class="row">
        <div class="col-md-5">
          Email Address:
          <div class="form-group">
            <div class="input-group">
              <input id="email" class="form-control" placeholder="Email" type="text" />
            </div>
          </div>
        </div>

        <div class="col-md-7">
          Full Address:
          <div class="form-group">
            <div class="input-group">
              <input id="address" class="form-control" placeholder="St.,/Brgy./City/Province" type="text" />
            </div>
          </div>
        </div>
      </div>

      <div class="row">
```

```html
                    <div class="col">
                        <center>
                            <span class="badge badge-pill bg-dark text-white">Login Credentials</span>
                        </center>
                    </div>
                </div>


                <div class="row">
                    <div class="col-md-6">
                        Username:
                        <div class="form-group">
                            <div class="input-group">
                                <input id="username" class="form-control" placeholder="Username" type="text" />
                            </div>
                        </div>
                    </div>

                    <div class="col-md-6">
                        Password:
                        <div class="form-group">
                            <div class="input-group">
                                <input id="password" class="form-control" placeholder="Password" type="password" />
                            </div>
                        </div>
                    </div>
                </div>

            </div>
            <center>
                <div class="row">
                    <div class="d-grid gap-2 col-8 mx-auto">
                        <input id="signup" class="btn btn-primary bg-dark" type="button" value="Sign Up" />
                    </div>
                    <center>
                        Already Have an Account? Click Here to @Html.ActionLink("Login", "Login", "Home")
                    </center>
                </div>
            </center>
        </div>
        @Html.ActionLink("Back To Home", "Index", "Home")
        </div>
        <br />

        <br />
        </div>
    </div>

</body>
</html>
<!-- Custom JS -->
<script src="~/Scripts/customjs.js"></script>
```
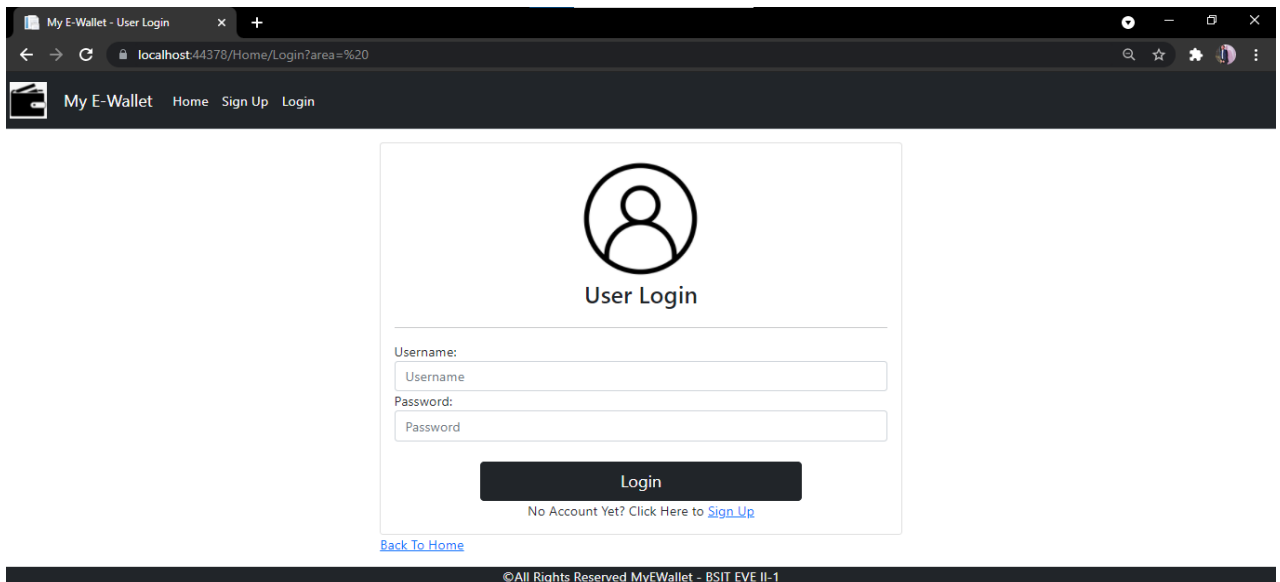
- **LOGIN DESIGN (login.cshtml)**

LOGIN CODE (Login.cshtml)

```
@{
    ViewBag.Title = "My E-Wallet - User Login";
}


<html>
<body>
    <div class="container">
        <div class="row">
            <div class="col-md-6 mx-auto">
                <div class="card">
                    <div class="card-body">
                        <div class="row">
                            <div class="col">
                                <center>
                                    <img width="150px" src="~/Pictures/user.png" />
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <center>
                                    <h3>User Login</h3>
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <hr />
                            </div>
```

```html
            </div>

            <div class="row">
                <div class="col pb-4">
                    <div class="form-group">
                        <label>Username:</label>
                        <input id="username" class="form-control" placeholder="Username" type="text" />

                        <label>Password:</label>
                        <input id="password" class="form-control" placeholder="Password" type="password" />
                    </div>
                </div>
            </div>


            <center>
                <div class="row">
                    <div class="d-grid gap-2 col-8 mx-auto ">
                        <input id="login" class="btn btn-dark bg-dark btn-lg" type="button" value="Login" />
                    </div>
                    <center>
                        No Account Yet? Click Here to @Html.ActionLink("Sign Up", "SignUp", "Home")
                    </center>
                </div>
            </center>
        </div>

    </div>
    @Html.ActionLink("Back To Home", "Index", "Home")
    </div><br />

    </div>
   </div>
</body>
</html>
<!--custom js-->
<script src="~/Scripts/customjs.js"></script>
```

- **CASH IN (CashIn.cshtml)**

CASHIN CODE (CashIn.cshtml)

```
@{
    ViewBag.Title = "My E-Wallet - Cash In";
}

<html>
<body>
  <div class="container-fluid">
    <div class="row">
        <div class="col-md-5">
          <div class="card">
            <div class="card-body">
              <div class="row">
                <div class="col">
                  <center>
                    <img width="150px" src="~/Pictures/cashin.png" />
                  </center>
                </div>
              </div>

              <div class="row">
                <div class="col">
                  <center>
                    <h4>Cash In</h4>
                  </center>
                </div>
              </div>

              <div class="row">
                <div class="col">
                  <hr />
                </div>
              </div>
```

```html
        </div>

        <div class="row">
          <div class="col">
            <center>
              <span class="badge badge-pill bg-success text-white">Amount Details</span>
            </center>
          </div>
        </div>

        <div class="row">
          <div class="col-md-4">
            Amount:
            <div class="input-group">
              <input id="amount" class="form-control" placeholder="Amount" type="number" />
            </div>
          </div>

          <div class="col-md-8 pb-2">
            Amount In Words:
            <div class="input-group">
              <input id="amount1" class="form-control" placeholder="Amount in Words" type="text" />
            </div>
          </div>
        </div>

        <div class="row">
          <div class="col pb-2">
            <center>
              <span class="badge badge-pill bg-success text-white">User Details</span>
            </center>
          </div>
        </div>

        <div class="row">
          <div class="col-md-6">
            Username:
            <div class="input-group">
              <input id="username" class="form-control" placeholder="Username" type="text" />
            </div>
          </div>
          <div class="col-md-6 pb-4">
            Full Name:
            <div class="input-group">
              <input id="fullname" class="form-control" placeholder="Full Name" type="text" />
            </div>
          </div>
        </div>


        <div class="row">
          <center>
            <div class="d-grid gap-2 col-8">
              <input id="cashin1" class="btn btn-success bg-success" type="button" value="Cash In" />
            </div>
          </center>
        </div>
      </div>
    </div>
  </div>
```

```html
            <div class="col-md-7">
                <div class="card">
                    <div class="card-body">
                        <div class="row">
                            <div class="col">
                                <center>
                                    <h4>Your Cash In Transactions</h4>
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <hr />
                            </div>
                        </div>
                        <table class="table table-success table-hover table-bordered caption-top">
                            <thead>
                                <tr>
                                    <th scope="col">Amount</th>
                                    <th scope="col">Amount In Words</th>
                                    <th scope="col">Username</th>
                                    <th scope="col">Full Name</th>
                                    <th scope="col">Date Deposit</th>
                                </tr>
                            </thead>
                            <tbody id="vwCashIn">
                                <tr>
                                    <th scope="row">1</th>
                                    <td>-NO TRANSACTION DONE YET-</td>
                                    <td></td>
                                    <td></td>
                                    <td></td>
                                    <td></td>
                                </tr>
                            </tbody>
                        </table>
                    </div>
                </div>
            </div>

        <br />
        @Html.ActionLink("Back To Home", "Index", "Home")
        <br />
    </div>
  </div>
</body>
</html>
<!--custom js-->
<script src="~/Scripts/customjs.js">
    $(document).ready(function () {
        $(".table").prepend($("<thead></thead>").append($(this).find("tr:first"))).dataTable();
    });
</script>
```
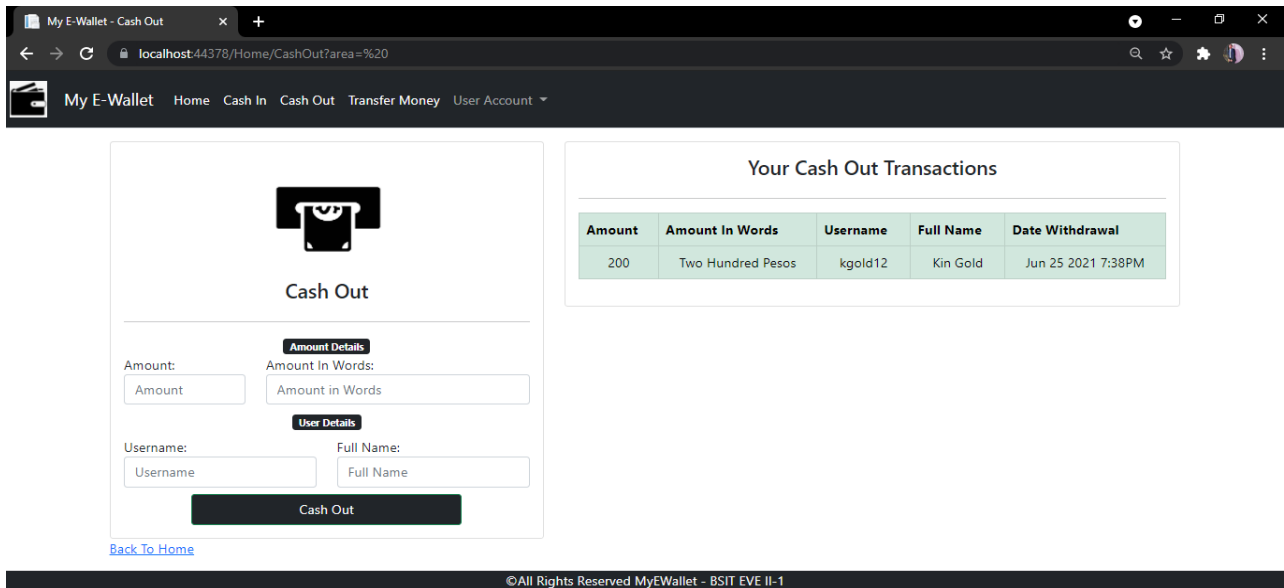
- **CASH OUT DESIGN (CashOut.cshtml)**

CASH OUT CODE (CashOut.cshtml)

```
@{
    ViewBag.Title = "My E-Wallet - Cash Out";
}


<html>
<body>
    <div class="container-fluid">
        <div class="row">
            <div class="col-md-5">
                <div class="card">
                    <div class="card-body">
                        <div class="row">
                            <div class="col">
                                <center>
                                    <img width="150px" src="~/Pictures/cashout.png" />
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <center>
                                    <h4>Cash Out</h4>
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <hr />
                            </div>
                        </div>
```

```html
<div class="row">
  <div class="col">
    <center>
      <span class="badge badge-pill bg-dark text-white">Amount Details</span>
    </center>
  </div>
</div>

<div class="row">
  <div class="col-md-4">
    Amount:
    <div class="input-group">
      <input id="amount" class="form-control" placeholder="Amount" type="number" />
    </div>
  </div>

  <div class="col-md-8 pb-2">
    Amount In Words:
    <div class="input-group">
      <input id="amount1" class="form-control" placeholder="Amount in Words" type="text" />
    </div>
  </div>
</div>

<div class="row">
  <div class="col pb-2">
    <center>
      <span class="badge badge-pill bg-dark text-white">User Details</span>
    </center>
  </div>
</div>

<div class="row">
  <div class="col-md-6">
    Username:
    <div class="input-group">
      <input id="username" class="form-control" placeholder="Username" type="text" />
    </div>
  </div>
  <div class="col-md-6 pb-2">
    Full Name:
    <div class="input-group">
      <input id="fullname" class="form-control" placeholder="Full Name" type="text" />
    </div>
  </div>
</div>

<div class="row">
  <center>
    <div class="d-grid gap-2 col-8">
      <input id="cashout1" class="btn btn-success bg-dark" type="button" value="Cash Out" />
    </div>
  </center>
</div>
      </div>
    </div>
  </div>


<div class="col-md-7">
```

```html
<div class="card">
    <div class="card-body">
        <div class="row">
            <div class="col">
                <center>
                    <h4>Your Cash Out Transactions</h4>
                </center>
            </div>
        </div>

        <div class="row">
            <div class="col">
                <hr />
            </div>
        </div>
        <table class="table table-success table-hover table-bordered caption-top">
            <thead>
                <tr>
                    <th scope="col">Amount</th>
                    <th scope="col">Amount In Words</th>
                    <th scope="col">Username</th>
                    <th scope="col">Full Name</th>
                    <th scope="col">Date Withdrawal</th>
                </tr>
            </thead>
            <tbody id="vwCashOut">
                <tr>
                    <th scope="row">1</th>
                    <td>-NO TRANSACTION DONE YET-</td>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                </tr>
            </tbody>
        </table>
    </div>
</div>
</div>

<br />
@Html.ActionLink("Back To Home", "Index", "Home")
<br />
</div>
</div>
</body>
</html>
<!--custom js-->
<script src="~/Scripts/customjs.js">
    $(document).ready(function () {
        $(".table").prepend($("<thead></thead>").append($(this).find("tr:first"))).dataTable();
    });
</script>
```

- **TRANSFER MONEY DESIGN (TransferMoney.cshtml)**

TRANSFER MONEY CODE (TransferMoney.cshtml)

```
@{
    ViewBag.Title = "My E-Wallet - Transfer Money";
}


<html>
<body>

    <div class="container-fluid">
        <div class="row">
            <div class="col-md-5">
                <div class="card">
                    <div class="card-body">
                        <div class="row">
                            <div class="col">
                                <center>
                                    <img width="150px" src="~/Pictures/moneytransfer.png" />
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
                                <center>
                                    <h4>Transfer Money</h4>
                                </center>
                            </div>
                        </div>

                        <div class="row">
                            <div class="col">
```

```html
            <hr />
        </div>
    </div>

    <div class="row">
        <div class="col">
            <center>
                <span class="badge badge-pill bg-primary text-white">Amount Details</span>
            </center>
        </div>
    </div>

    <div class="row">
        <div class="col-md-4">
            Amount:
            <div class="input-group">
                <input id="amount" class="form-control" placeholder="Amount" type="number" />
            </div>
        </div>

        <div class="col-md-8 pb-2">
            Amount In Words:
            <div class="input-group">
                <input id="amount1" class="form-control" placeholder="Amount in Words" type="text" />
            </div>
        </div>
    </div>

    <div class="row">
        <div class="col">
            <center>
                <span class="badge badge-pill bg-primary text-white">From User Details</span>
            </center>
        </div>
    </div>

    <div class="row">
        <div class="col-md-6">
            Username (From):
            <div class="input-group">
                <input id="username" class="form-control" placeholder="Username" type="text" />
            </div>
        </div>
        <div class="col-md-6 pb-4">
            Full Name (From):
            <div class="input-group">
                <input id="fullname" class="form-control" placeholder="Full Name" type="text" />
            </div>
        </div>
    </div>

    <div class="row">
        <div class="col">
            <center>
                <span class="badge badge-pill bg-primary text-white">To User Details</span>
            </center>
        </div>
    </div>

    <div class="row">
        <div class="col-md-6">
```

```html
                    Username (To):
                    <div class="input-group">
                        <input id="username1" class="form-control" placeholder="Username" type="text" />
                    </div>
                </div>
                <div class="col-md-6 pb-4">
                    Full Name (To):
                    <div class="input-group">
                        <input id="fullname1" class="form-control" placeholder="Full Name" type="text" />
                    </div>
                </div>
            </div>

            <div class="row">
                <center>
                    <div class="d-grid gap-2 col-8">
                        <input id="transfer" class="btn btn-primary bg-primary" type="button" value="Transfer" />
                    </div>
                </center>
            </div>
        </div>
    </div>
</div>


<div class="col-md-7">
    <div class="card">
        <div class="card-body">
            <div class="row">
                <div class="col">
                    <center>
                        <h4>Your Money Transfer Transactions</h4>
                    </center>
                </div>
            </div>

            <div class="row">
                <div class="col">
                    <hr />
                </div>
            </div>
            <table class="table table-success table-hover table-bordered caption-top">
                <thead>
                    <tr>
                        <th scope="col">Amount</th>
                        <th scope="col">Amount In Words</th>
                        <th scope="col">Username (From)</th>
                        <th scope="col">Full Name (From)</th>
                        <th scope="col">Username (To)</th>
                        <th scope="col">Full Name (To)</th>
                        <th scope="col">Date Transfer</th>
                    </tr>
                </thead>
                <tbody id="vwTransfer">
                    <tr>
                        <th scope="row">1</th>
                        <td>-NO TRANSACTION DONE YET-</td>
                        <td></td>
                        <td></td>
                        <td></td>
                        <td></td>
```

```
                </tr>
              </tbody>
            </table>
          </div>
        </div>
      </div>

      <br />
      @Html.ActionLink("Back To Home", "Index", "Home")
      <br />
    </div>
  </div>
</body>
</html>
<!--custom js-->
<script src="~/Scripts/customjs.js">
  $(document).ready(function () {
    $(".table").prepend($("<thead></thead>").append($(this).find("tr:first"))).dataTable();
  });
</script>
```

_LAYOUT CODE (_Layout.Cshtml)

```
<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>@ViewBag.Title</title>

  <!-- bootstrap css -->

  <link href="~/Content/bootstrap.min.css" rel="stylesheet" />

  <!-- fontawesome css -->

  <link href="~/Content/all.css" rel="stylesheet" />

  <!-- datatables css -->

  <link href="~/Content/jquery.dataTables.min.css" rel="stylesheet" />

  <!-- custom css -->

  <link href="~/Content/customstyles.css" rel="stylesheet" />


  <!-- bootstrap jquery -->

  <script src="~/Scripts/jquery-3.3.1.slim.min.js"></script>

  <!-- bootstrap popper js -->

  <script src="~/Scripts/popper.min.js"></script>

  <!-- bootstrap main js -->
```

```html
<script src="~/Scripts/bootstrap.min.js"></script>
<!-- datatables js -->
<script src="~/Scripts/jquery.dataTables.min.js"></script>
<!-- jquery production -->
<script src="~/Scripts/jquery-3.6.0.min.js"></script>
<!-- jquery development -->
<script src="~/Scripts/jquery-3.6.0.js"></script>

</head>
<body>
    <header>
        <div>
            <nav class="navbar navbar-expand-md navbar-toggleable-md navbar-dark bg-dark border-bottom box-shadow mb-3">


                <a class="navbar-brand p-1" asp-area="" asp-controller="Index" asp-action="Index">
                    <img width="45px" height="45px" src="~/Pictures/logo.png" />
                    @Html.ActionLink("My E-Wallet", "Index", "Home", new { area = "" }, new { @class = "navbar-brand" })
                </a>
                <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
                        aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
                    <span class="navbar-toggler-icon"></span>
                </button>



                <div class="collapse navbar-collapse" id="navbarSupportedContent">
                    <ul class="navbar-nav flex-grow-1">
                        @{
                            <li class="nav-item p-2">
                                @Html.ActionLink("Home", "Index", "Home", new { area = " " }, new { @class = "navbar-item" })
                            </li>
                            if (Session["role"] == null)
                            {
                                <li class="nav-item p-2">
                                    @Html.ActionLink("Sign Up", "SignUp", "Home", new { area = " " }, new { @class = "navbar-item" })
                                </li>
```

```html
    <li class="nav-item p-2">

        @Html.ActionLink("Login", "Login", "Home", new { area = " " }, new { @class = "navbar-item" })

    </li>

}

else if (Session["role"].Equals("user"))

{

    <li class="nav-item p-2">

        @Html.ActionLink("Cash In", "CashIn", "Home", new { area = " " }, new { @class = "navbar-item" })

    </li>

    <li class="nav-item p-2">

        @Html.ActionLink("Cash Out", "CashOut", "Home", new { area = " " }, new { @class = "navbar-item" })

    </li>

    <li class="nav-item p-2">

        @Html.ActionLink("Transfer Money", "TransferMoney", "Home", new { area = " " }, new { @class = "navbar-item" })

    </li>


    <li class="nav-item dropdown">

        <a class="nav-link dropdown-toggle bg-dark" href="#" id="navbarDropdownMenuLink" role="button" data-bs-
toggle="dropdown" aria-expanded="false">

            User Account

        </a>

        <ul class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">

            <li>

                <a class="dropdown-item">Balance : @Session["balance"]</a>

            </li>

            <li>

                <a class="dropdown-item">@Session["username"]</a>

            </li>

            <li>

                <a class="dropdown-item" href="@Url.Action("Logout", "Home")">Logout</a>

            </li>

        </ul>

    </li>
```

```
                    }

                }

            </ul>

        </div>

      </nav>

    </div>


  </header>
  <div class="container">
    <main role="main" class="pb-3">
      @RenderBody()
    </main>
  </div>


  <footer class="footer text-muted">
    <div class="container-fluid bg-dark text-light text-center">
      &copy;All Rights Reserved MyEWallet - BSIT EVE II-1


      </a>
    </div>
  </footer>
</body>
</html>
```

<p style="text-align:center; color:red;">HOME CONTROLLER CODE (HomeController.cs)</p>

```
using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.Mvc;

using System.Configuration;
```

```csharp
using System.Data;

using System.Data.SqlClient;


namespace MyEWalletSystem.Controllers

{

    public class HomeController : Controller

    {

        string strcon = ConfigurationManager.ConnectionStrings["conn"].ConnectionString;

        public ActionResult Index()

        {

            return View();

        }


        public ActionResult Login()

        {

            return View();

        }


        public ActionResult SignUp()

        {

            return View();

        }


        public ActionResult CashIn()

        {

            if(Session["username"] == null || Session["full_name"] == null)

            {

                Response.Write("<script>alert('Session Expired. Login Again');</script>");

                Response.Redirect("/Home/Login");

            }

            return View();

        }


        public ActionResult CashOut()

        {
```

```csharp
        if (Session["username"] == null || Session["full_name"] == null)

        {

            Response.Write("<script>alert('Session Expired. Login Again');</script>");

            Response.Redirect("/Home/Login");

        }

        return View();

    }


    public ActionResult TransferMoney()

    {

        if (Session["username"] == null || Session["full_name"] == null)

        {

            Response.Write("<script>alert('Session Expired. Login Again');</script>");

            Response.Redirect("/Home/Login");

        }
        return View();


    }


    public ActionResult Logout()

    {


        Session.Abandon();

        Session.Clear();


        if(Session["role"] == null)

        {

            Response.Redirect("/Home/Index");

        }


        return View();

    }
    //user sign up account

    public ActionResult SignupAcc()

    {

```

```csharp
var data = new List<object>();

var mess = 0;

var fullname = Request["fname"];

var cnum = Request["cnum1"];

var em = Request["em1"];

var add = Request["addrss"];

var uname = Request["uname1"];

var pass = Request["psswrd"];

var bal = 0;


try
{
    SqlConnection con = new SqlConnection(strcon);

    if (con.State == ConnectionState.Closed)
    {
        con.Open();
    }


    SqlCommand cmd = new SqlCommand("INSERT INTO user_manage_tbl(full_name, contact_no, email, address, username, password, balance)VALUES(@full_name, @contact_no, @email, @address, @username, @password, @balance)", con);


    cmd.Parameters.AddWithValue("@full_name", fullname);

    cmd.Parameters.AddWithValue("@contact_no", cnum);

    cmd.Parameters.AddWithValue("@email", em);

    cmd.Parameters.AddWithValue("@address", add);

    cmd.Parameters.AddWithValue("@username", uname);

    cmd.Parameters.AddWithValue("@password", pass);

    cmd.Parameters.AddWithValue("@balance", bal);



    var ctr = cmd.ExecuteNonQuery();

    if (ctr >= 1)
    {
        mess = 1;
    }
```

```csharp
            data.Add(new
            {
                mess = mess
            });
            con.Close();
        }
        catch (Exception ex)
        {
            Response.Write("<script>alert('" + ex.Message + "');</script>");
        }


        return Json(data, JsonRequestBehavior.AllowGet);
    }
    //user login account
    public ActionResult LoginAcc()
    {
        var data = new List<object>();
        var uname = Request["uname1"];
        var pass = Request["psswrd"];
        var mess = 0;


        try
        {
            SqlConnection con = new SqlConnection(strcon);
            if(con.State == ConnectionState.Closed)
            {
                con.Open();
            }


            SqlCommand cmd = new SqlCommand("SELECT * FROM user_manage_tbl WHERE username='" + uname + "' AND password='" +
pass + "';", con);


            SqlDataReader dr = cmd.ExecuteReader();


            if(dr.Read())
```

```csharp
        {
            Session["role"] = "user";

            Session["username"] = dr.GetValue(4).ToString();

            Session["full_name"] = dr.GetValue(4).ToString();

            Session["balance"] = dr.GetValue(6).ToString();

            mess = 1;

        }

        data.Add(new

        {

            mess = mess

        });


    }

    catch(Exception ex)

    {

        Response.Write("<script>alert('" + ex.Message + "');</script>");

    }


    return Json(data, JsonRequestBehavior.AllowGet);

}


//cash in
public ActionResult CashDep()
{
    var data = new List<object>();

    var mess = 0;

    double amt = Convert.ToDouble(Request["am"]);

    var amtwords = Request["amwrds"];

    var uname = Request["user"];

    var fname = Request["fname1"];

    var bal = Session["balance"];


    try

    {

        SqlConnection con = new SqlConnection(strcon);
```

```csharp
if (con.State == ConnectionState.Closed)

{

    con.Open();

}


        SqlCommand cmd = new SqlCommand("INSERT INTO cash_in_tbl(amount, amountwords, username, full_name,
date_deposit)VALUES(@amount, @amountwords, @username, @full_name, @date_deposit)", con);


        cmd.Parameters.AddWithValue("@amount", amt);

        cmd.Parameters.AddWithValue("@amountwords", amtwords);

        cmd.Parameters.AddWithValue("@username", uname);

        cmd.Parameters.AddWithValue("@full_name", fname);

        cmd.Parameters.AddWithValue("@date_deposit", DateTime.Now);


        var ctr = cmd.ExecuteNonQuery();


        cmd = new SqlCommand("UPDATE user_manage_tbl SET balance+=@balance WHERE username='" + Session["username"] + "'",
con);

        cmd.Parameters.AddWithValue("@balance", amt);

        ctr = cmd.ExecuteNonQuery();



        if (ctr >= 1)

        {

            UpdateBalance();

            data.Add(new

            {

                mess = 1

            });

        }

        data.Add(new

        {

            mess = mess

        });


    }
```

```csharp
            catch(Exception ex)

        {

            Response.Write("<script>alert('" + ex.Message + "');</script>");

        }

        return Json(data, JsonRequestBehavior.AllowGet);

    }


    void UpdateBalance()

    {

        var uname = Session["username"];

        try

        {

            SqlConnection con = new SqlConnection(strcon);

            if (con.State == ConnectionState.Closed)

            {

                con.Open();

            }


            SqlCommand cmd = new SqlCommand("SELECT * FROM user_manage_tbl WHERE username='"+ uname +"'", con);

            SqlDataReader dr = cmd.ExecuteReader();

            if(dr.Read())

            {

                Session["balance"] = dr.GetValue(6).ToString();

            }

        }

        catch (Exception ex)

        {

            Response.Write("<script>alert('" + ex.Message + "');</script>");

        }

    }


    public ActionResult CashInTransaction()

    {

        var data = new List<object>();
```

```csharp
            try
            {
                SqlConnection con = new SqlConnection(strcon);
                if (con.State == ConnectionState.Closed)
                {
                    con.Open();
                }

                SqlCommand cmd = new SqlCommand("SELECT * FROM cash_in_tbl WHERE username='"+ Session["username"] +"'", con);

                SqlDataReader dr = cmd.ExecuteReader();
                while(dr.Read())
                {
                    data.Add(new
                    {
                        amt = dr["amount"].ToString(),
                        amtwords = dr["amountwords"].ToString(),
                        uname = dr["username"].ToString(),
                        fname = dr["full_name"].ToString(),
                        datedp = dr["date_deposit"].ToString(),
                    });
                }
            }
            catch(Exception ex)
            {
                Response.Write("<script>alert('" + ex.Message + "');</script>");
            }


            return Json(data, JsonRequestBehavior.AllowGet);
        }
        //cash out
        public ActionResult CashWith()
        {
            var data = new List<object>();
            var mess = 0;
```

```csharp
double amt = Convert.ToDouble(Request["am"]);

var amtwords = Request["amwrds"];

var uname = Request["user"];

var fname = Request["fname1"];

var balance = Convert.ToDouble(Session["balance"]);


if(amt > balance || checkifuserExists(uname) == false)
{
    data.Add(new
    {
        mess = 3
    });
}
else
{
    try
    {
        SqlConnection con = new SqlConnection(strcon);
        if (con.State == ConnectionState.Closed)
        {
            con.Open();
        }


        SqlCommand cmd = new SqlCommand("INSERT INTO cash_out_tbl(amount, amountwords, username, full_name, date_withdrawal)VALUES(@amount, @amountwords, @username, @full_name, @date_withdrawal)", con);


        cmd.Parameters.AddWithValue("@amount", amt);

        cmd.Parameters.AddWithValue("@amountwords", amtwords);

        cmd.Parameters.AddWithValue("@username", uname);

        cmd.Parameters.AddWithValue("@full_name", fname);

        cmd.Parameters.AddWithValue("@date_withdrawal", DateTime.Now);


        var ctr = cmd.ExecuteNonQuery();


        cmd = new SqlCommand("UPDATE user_manage_tbl SET balance-=@balance WHERE username='" + Session["username"].ToString() + "'", con);
```

```csharp
                cmd.Parameters.AddWithValue("@balance", amt);

                ctr = cmd.ExecuteNonQuery();


                if (ctr >= 1)

                {

                    UpdateBalance();

                    data.Add(new

                    {

                        mess = 1

                    });

                }

            }

        catch (Exception ex)

        {

            Response.Write("<script>alert('" + ex.Message + "');</script>");

        }

    }


    return Json(data, JsonRequestBehavior.AllowGet);

}


public ActionResult CashOutTransaction()

{

    var data = new List<object>();

    try

    {

        SqlConnection con = new SqlConnection(strcon);

        if (con.State == ConnectionState.Closed)

        {

            con.Open();

        }


        SqlCommand cmd = new SqlCommand("SELECT * FROM cash_out_tbl WHERE username='"+ Session["username"] +"'", con);


        SqlDataReader dr = cmd.ExecuteReader();
```

```csharp
                while (dr.Read())
                {
                    data.Add(new
                    {
                        amt = dr["amount"].ToString(),

                        amtwords = dr["amountwords"].ToString(),

                        uname = dr["username"].ToString(),

                        fname = dr["full_name"].ToString(),

                        datedp = dr["date_withdrawal"].ToString(),
                    });
                }
            }
            catch (Exception ex)
            {
                Response.Write("<script>alert('" + ex.Message + "');</script>");
            }


            return Json(data, JsonRequestBehavior.AllowGet);
        }


        bool checkifuserExists(string user)
        {
            try
            {
                SqlConnection con = new SqlConnection(strcon);
                if (con.State == ConnectionState.Closed)
                {
                    con.Open();
                }
                SqlCommand cmd = new SqlCommand("SELECT * FROM user_manage_tbl WHERE username='" + user.ToString() + "'", con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataTable dt = new DataTable();
                da.Fill(dt);


                if (dt.Rows.Count >= 1)
```

```csharp
                {
                    return true;
                }
                else
                {
                    return false;
                }


            }
            catch (Exception ex)
            {
                Response.Write("<script>alert('" + ex.Message + "');</script>");
                return false;
            }
        }
        //money transfer
        public ActionResult MoneyTransfer()
        {
            var data = new List<object>();
            var amt = Convert.ToDouble(Request["am"]);
            var amtwords = Request["amwrds"];
            var fruname = Request["user"];
            var frfname = Request["fname1"];
            var touname = Request["user1"];
            var tofname = Request["fname2"];
            var user1 = Session["username"];
            var balance = Convert.ToDouble(Session["balance"]);
            var use = Session["username"];
            var mess = 0;


            if (amt > balance || user1 == touname || checkifuserExists(touname) == false)
            {
                if(user1 == touname)
                {
                    mess = 3;
```

```csharp
            }
            else if(checkifuserExists(touname) == false)
            {
                mess = 4;
            }
            data.Add(new
            {
                mess = mess
            });
        }
        else
        {
            try
            {
                SqlConnection con = new SqlConnection(strcon);
                if (con.State == ConnectionState.Closed)
                {
                    con.Open();
                }
                SqlCommand cmd = new SqlCommand("INSERT INTO transfer_money_tbl(amount, amountwords, username_fr, fullname_fr, username_to, fullname_to, date_transfer)VALUES(@amount, @amountwords, @username_fr, @fullname_fr, @username_to, @fullname_to, @date_transfer)", con);


                cmd.Parameters.AddWithValue("@amount", amt);

                cmd.Parameters.AddWithValue("@amountwords", amtwords);

                cmd.Parameters.AddWithValue("@username_fr", fruname);

                cmd.Parameters.AddWithValue("@fullname_fr", frfname);

                cmd.Parameters.AddWithValue("@username_to", touname);

                cmd.Parameters.AddWithValue("@fullname_to", tofname);

                cmd.Parameters.AddWithValue("@date_transfer", DateTime.Now);


                var ctr = cmd.ExecuteNonQuery();


                cmd = new SqlCommand("UPDATE user_manage_tbl SET balance-=@balance WHERE username='" + use + "'", con);

                cmd.Parameters.AddWithValue("@balance", amt);

                ctr = cmd.ExecuteNonQuery();
```

```csharp
                cmd = new SqlCommand("UPDATE user_manage_tbl SET balance+=@balance WHERE username='" + touname + "'", con);

                cmd.Parameters.AddWithValue("@balance", amt);

                ctr = cmd.ExecuteNonQuery();


                if (ctr >= 1)
                {
                    UpdateBalance();

                    mess = 1;

                    data.Add(new
                    {
                        mess = mess
                    });
                }


            }
            catch (Exception ex)
            {
                Response.Write("<script>alert('" + ex.Message + "');</script>");
            }
        }



        return Json(data, JsonRequestBehavior.AllowGet);
    }


    public ActionResult TransferTransaction()
    {
        var data = new List<object>();
        try
        {
            SqlConnection con = new SqlConnection(strcon);
            if (con.State == ConnectionState.Closed)
            {
                con.Open();
```

```
                }


        SqlCommand cmd = new SqlCommand("SELECT * FROM transfer_money_tbl WHERE username_fr='"+ Session["username"] +"'",
con);


        SqlDataReader dr = cmd.ExecuteReader();

        while (dr.Read())

        {

            data.Add(new

            {

                amt = dr["amount"].ToString(),

                amtwords = dr["amountwords"].ToString(),

                fruname = dr["username_fr"].ToString(),

                frfname = dr["fullname_fr"].ToString(),

                touname = dr["username_to"].ToString(),

                tofname = dr["fullname_to"].ToString(),

                datedp = dr["date_transfer"].ToString(),

            });

        }

    }

    catch (Exception ex)

    {

        Response.Write("<script>alert('" + ex.Message + "');</script>");

    }


    return Json(data, JsonRequestBehavior.AllowGet);

}


public ActionResult Searchuser()

{

    var data = new List<object>();

    var mess = 0;

    var uname = Request["user"];


    try
```

```csharp
        {
            SqlConnection con = new SqlConnection(strcon);
            if (con.State == ConnectionState.Closed)
            {
                con.Open();
            }

            SqlCommand cmd = new SqlCommand("SELECT * FROM user_manage_tbl WHERE username='" + uname + "'", con);
            SqlDataReader dr = cmd.ExecuteReader();
            while (dr.Read())
            {
                mess = 1;
                data.Add(new
                {
                    fname = dr["full_name"].ToString(),
                    bal = dr["balance"].ToString(),
                    cnum = dr["contac_no"].ToString(),
                    em = dr["email"].ToString(),
                    add = dr["address"].ToString(),
                    stat = dr["account_status"].ToString(),
                    mess = mess
                });
            }

        }
        catch (Exception ex)
        {
            Response.Write("<script>alert('" + ex.Message + "');</script > ");
        }
        return Json(data, JsonRequestBehavior.AllowGet);
    }
}
}
```

JAVASCRIPT CODE (customjs.js)

```javascript
$(document).ready(function () {

  $('#signup').click(function () {

    var fullname = $('#name').val();

    var cnum = $('#cnumber').val();

    var em = $('#email').val();

    var add = $('#address').val();

    var uname = $('#username').val();

    var pass = $('#password').val();

    var bal = 0;


    $.post('../Home/SignupAcc', {

      fname: fullname,

      cnum1: cnum,

      em1: em,

      addrss: add,

      uname1: uname,

      psswrd: pass,

      bal

    }, function (data) {

      if (data[0].mess == 1) {

        alert('Signed Up Successfully.');

        window.location.href = "../Home/Login";

      }

      else {

        alert('Signed Up Unsuccessful.');

      }

    });

  });


  $('#login').click(function () {

    var uname = $('#username').val();

    var pass = $('#password').val();


    $.post('../Home/LoginAcc', {
```

```
            uname1: uname,

            psswrd: pass

        }, function (data) {

            if (data[0].mess == 1) {

                window.location.href = "../Home/Index";

            }

            else {

                alert('Invalid User!');

                location.reload();

            }

        });

    });


    $('#adminlogin').click(function () {

        var uname = $('#adusername').val();

        var pass = $('#adpassword').val();


        $.post('../Home/AdminLoginAcc', {

            uname1: uname,

            psswrd: pass

        }, function (data) {

            if (data[0].mess == 1) {

                window.location.href = "../Home/Index";

            }

            else {

                alert('Invalid Admin Credentials!');

                location.reload();

            }

        });

    });


    $('#cashin1').click(function () {

        var amt = $('#amount').val();

        var amtwords = $('#amount1').val();

        var uname = $('#username').val();
```

```javascript
        var fname = $('#fullname').val();


        $.post('../Home/CashDep', {

            am: amt,

            amwrds: amtwords,

            user: uname,

            fname1: fname

        }, function (data) {

            if (data[0].mess == 1) {

                alert('Cash Deposit Successful.');

                location.reload();

            }

            else {

                alert('Invalid Entry!');

            }

        });

    });


    $.post('../Home/CashInTransaction', {

    }, function (data) {

        var tr = "";

        $('#vwCashIn tr').remove();

        for (var rec in data) {

            tr += "<tr>";

            tr += "<td style='text-align:center' >";

            tr += data[rec].amt;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].amtwords;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].uname;

            tr += "</td>";

            tr += "<td style='text-align:center'>";
```

```javascript
        tr += data[rec].fname;

        tr += "</td>";

        tr += "<td style='text-align:center'>";

        tr += data[rec].datedp;

        tr += "</td>";

        tr += "</tr>";

    }

    $("#vwCashIn").html(tr);

});


$('#cashout1').click(function () {

    var amt = $('#amount').val();

    var amtwords = $('#amount1').val();

    var uname = $('#username').val();

    var fname = $('#fullname').val();


    $.post('../Home/CashWith', {

        am: amt,

        amwrds: amtwords,

        user: uname,

        fname1: fname

    }, function (data) {

        if (data[0].mess == 1) {

            alert('Cash Withdrawal Successful.');

            location.reload();

        }

        else if (data[0].mess == 3) {

            alert('Cash Withdrawal Failed. Check Your Balance.');

            location.reload();

        }

        else {

            alert('Invalid Entry!');

            location.reload();

        }

    });
```

```javascript
    });


    $.post('../Home/CashOutTransaction', {
    }, function (data) {
        var tr = "";
        $('#vwCashOut tr').remove();
        for (var rec in data) {
            tr += "<tr>";
            tr += "<td style='text-align:center' >";
            tr += data[rec].amt;
            tr += "</td>";
            tr += "<td style='text-align:center'>";
            tr += data[rec].amtwords;
            tr += "</td>";
            tr += "<td style='text-align:center'>";
            tr += data[rec].uname;
            tr += "</td>";
            tr += "<td style='text-align:center'>";
            tr += data[rec].fname;
            tr += "</td>";
            tr += "<td style='text-align:center'>";
            tr += data[rec].datedp;
            tr += "</td>";
            tr += "</tr>";
        }
        $("#vwCashOut").html(tr);
    });


    $('#transfer').click(function () {
        var amt = $('#amount').val();
        var amtwords = $('#amount1').val();
        var fruname = $('#username').val();
        var frfname = $('#fullname').val();
        var touname = $('#username1').val();
        var tofname = $('#fullname1').val();
```

```javascript
$.post('../Home/MoneyTransfer', {

    am: amt,

    amwrds: amtwords,

    user: fruname,

    fname1: frfname,

    user1: touname,

    fname2: tofname

}, function (data) {

    if (data[0].mess == 1) {

        alert('Money Transfered Successfully.');

        location.reload();

    }

    else if (data[0].mess == 0) {

        alert('Transaction Failed, Check your balance');

        location.reload();

    }

    else if (data[0].mess == 4) {

        alert('Transaction Failed, User Not Found');

        location.reload();

    }

    else {

        alert('Transaction Failed, Invalid User input');

        location.reload();

    }

});

});


$.post('../Home/TransferTransaction', {
}, function (data) {

    var tr = "";

    $('#vwTransfer tr').remove();

    for (var rec in data) {

        tr += "<tr>";

        tr += "<td style='text-align:center' >";
```

```
            tr += data[rec].amt;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].amtwords;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].fruname;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].frfname;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].touname;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].tofname;

            tr += "</td>";

            tr += "<td style='text-align:center'>";

            tr += data[rec].datedp;

            tr += "</td>";

            tr += "</tr>";

        }

        $("#vwTransfer").html(tr);

    });

});
```

WEB CONFIG CODE (Web.config)

```xml
<?xml version="1.0" encoding="utf-8"?>
<!--
  For more information on how to configure your ASP.NET application, please visit
  https://go.microsoft.com/fwlink/?LinkId=301880
  -->
<configuration>


        <connectionStrings>
```

```xml
                    <add name="conn" connectionString="Data Source=MARVIQUINT\SQLEXPRESS01; Initial Catalog=MyE-WalletDB;
&#xD;&#xA;Integrated Security=true" />

      </connectionStrings>
  <appSettings>
    <add key="webpages:Version" value="3.0.0.0" />
    <add key="webpages:Enabled" value="false" />
    <add key="ClientValidationEnabled" value="true" />
    <add key="UnobtrusiveJavaScriptEnabled" value="true" />
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.7.2" />
    <httpRuntime targetFramework="4.7.2" />
  </system.web>
  <runtime>
    <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
      <dependentAssembly>
        <assemblyIdentity name="Antlr3.Runtime" publicKeyToken="eb42632606e9261f" />
        <bindingRedirect oldVersion="0.0.0.0-3.5.0.2" newVersion="3.5.0.2" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="Newtonsoft.Json" publicKeyToken="30ad4fe6b2a6aeed" />
        <bindingRedirect oldVersion="0.0.0.0-12.0.0.0" newVersion="12.0.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Optimization" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-1.1.0.0" newVersion="1.1.0.0" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="WebGrease" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-1.6.5135.21930" newVersion="1.6.5135.21930" />
      </dependentAssembly>
      <dependentAssembly>
        <assemblyIdentity name="System.Web.Helpers" publicKeyToken="31bf3856ad364e35" />
        <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />
      </dependentAssembly>
```

```xml
<dependentAssembly>

  <assemblyIdentity name="System.Web.WebPages" publicKeyToken="31bf3856ad364e35" />

  <bindingRedirect oldVersion="1.0.0.0-3.0.0.0" newVersion="3.0.0.0" />

</dependentAssembly>

<dependentAssembly>

  <assemblyIdentity name="System.Web.Mvc" publicKeyToken="31bf3856ad364e35" />

  <bindingRedirect oldVersion="1.0.0.0-5.2.7.0" newVersion="5.2.7.0" />

</dependentAssembly>

      </assemblyBinding>

    </runtime>

  <system.codedom>

    <compilers>

      <compiler language="c#;cs;csharp" extension=".cs" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.CSharpCodeProvider,
Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35"
warningLevel="4" compilerOptions="/langversion:default /nowarn:1659;1699;1701" />

      <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb"
type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform.VBCodeProvider, Microsoft.CodeDom.Providers.DotNetCompilerPlatform,
Version=2.0.1.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35" warningLevel="4" compilerOptions="/langversion:default
/nowarn:41008 /define:_MYTYPE=\&quot;Web\&quot; /optionInfer+" />

    </compilers>

  </system.codedom>

</configuration>
```