```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Signup Form</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <link rel="stylesheet" href="css/loader.css" />
    <link rel="stylesheet" href="css/form.css" />
  </head>
  <body>

  <!-- loader -->

  <div id="loader">
  <div class="loader row-item">
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
</div>
</div>

  <!-- loader end -->

  <!-- form start -->
    <div class="form">
      <h2>Signup Form</h2>
      <p>It's free and always will be.</p>
      <form action="" enctype="multipart/form-data" autocomplete="off">
        <div class="error-text">Error</div>
      <div class="grid-details">
        <div class="input">
            <label>First Name</label>
            <input type="text" name="fname" placeholder="First Name" required pattern="[a-zA-Z'-'\s]*" >
        </div>
        <div class="input">
            <label>Last Name</label>
            <input type="text" name="lname" placeholder="Last Name" required pattern="[a-zA-Z'-'\s]*">
        </div>
      </div>
      <div class="input">
        <label>Email</label>
        <input type="email" name="email" placeholder="Enter Your Email" required>
    </div>
      <div class="input">
        <label>Phone</label>
        <input type="phone" name="phone" placeholder="Phone Number" required pattern="[0-9]{11}" oninvalid="this.setCustomValidity('Enter 11 Digits Number')"oninput="this.setCustomValidity('')">
    </div>
      <div class="grid-details">
        <div class="input">
            <label>Password</label>
            <input type="password" name="pass" placeholder="Password" required>
        </div>
        <div class="input">
            <label>Confirm Password</label>
            <input type="password" name="cpass" placeholder="Confirm Password" required>
        </div>
      </div>
      <div class="profile-img">
        <div class="file-upload">
            <input name="image" id="image-preview" type="file" class="file-input"  required oninvalid="this.setCustomValidity('Select an Profile Image')"oninput="this.setCustomValidity('')"/>
            <i class="fas fa-user-edit"></i>
        </div>
        </div>
        <div class="submit">
        <input type="submit" value="Signup Now" class="button">
      </div>
      </form>
      <div class="link">Already signed up? <a href="login.php">Login now</a></div>
      </div>

  <!-- form end -->
```

```html
<script>
    $(document).ready(function() {
    //Preloader
    preloaderFadeOutTime = 1200;
    function hidePreloader() {
    var preloader = $('#loader');
    preloader.fadeOut(preloaderFadeOutTime);
    }
    hidePreloader();
    });
    </script>

  <script src="js/register.js"></script>
  </body>
</html>
```

```css
@import url("https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=swap");

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: "Poppins", "sans-serif";
}
body {
  position: relative;
  background: #00b3ff;
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
}
::selection {
  color: #ececec;
  background: #00b3ff;
}
.form {
  position: relative;
  background: #f2f3f7;
  width: 100%;
  max-width: 500px;
  border-radius: 12px;
  box-shadow: -3px 3px 10px -5px rgba(0, 0, 0, 0.2);
  padding: 30px 30px;

}
.form h2 {
  font-size: 30px;
  font-weight: 700;
}
.form p {
  font-size: 14px;
  padding-bottom: 8px;
}
.form form .profile-img {
  margin: 18px 30px;
  position: absolute;
  top: 0;
  right: 0;
  width: 75px;
  height: 75px;
  background: #f2f3f7;
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
  /* background-image: url('../Images/1.jpg'); */
  background-image: url("https://upload.wikimedia.org/wikipedia/commons/thumb/7/7e/Circle-icons-profile.svg/768px-Circle-icons-profile.svg.png");
  border-radius: 50%;
  border: 4px solid #006692;
}
.file-upload {
  position: absolute;
  top: 0;
  right: -15px;
  height: 35px;
  width: 35px;
  display: flex;
  border-radius: 50%;
  border: 2px solid #d2d3d7;
  overflow: hidden;
  background-image: linear-gradient(to bottom, #006692, #f2f3f7 50%);
  background-size: 100% 200%;
  transition: all 1s;
  font-size: 14px;
  cursor: pointer;
}
.form input[type="file"] {
  position: relative;
  height: 40px;
  width: 40px;
  padding: 20px;
  opacity: 0;
  cursor: pointer;
```

```css
}
.form i {
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  font-size: 14px;
  color: #333;
  z-index: 100;
  pointer-events: none;
  cursor: pointer;
}
.file-upload:hover {
  background-position: 0 100%;
}
.file-upload:hover i {
  color: #2983aa;
}
.form form {
  margin: 8px 0;
}
.form form .error-text {
  display: none;
  color: #851923;
  padding: 4px 6px;
  text-align: center;
  border-radius: 4px;
  background: #ffe3e5;
  border: 1px solid #dfa5ab;
  margin-bottom: 8px;
}
.form .grid-details {
  display: flex;
}
.form .grid-details .input:first-child {
  margin-right: 8px;
  width: 100%;
}
.form .grid-details .input:last-child {
  margin-left: 8px;
  width: 100%;
}
.form form .input {
  display: flex;
  margin-bottom: 6px;
  flex-direction: column;
}
.form form .input input {
  height: 40px;
  width: 100%;
  font-size: 14px;
  padding: 0 8px;
  border: 1px solid #ccc;
  border-radius: 5px;
  outline: none;
}
.form form .input input:focus,
.form form .input input:valid {
  border: 2px solid #00b3ff;
  transition: 0.1s ease;
  outline: none;
}
.form form input.button {
  height: 45px;
  border: none;
  color: #f2f3f7;
  width: 100%;
  font-size: 17px;
  background: #006692;
  border-radius: 5px;
  cursor: pointer;
  margin-top: 13px;
  border: 2px solid #2983aa;
}

.form .link {
  text-align: center;
  margin: 10px 0;
  font-size: 17px;
}
```

```css
.form .link a {
  color: #006692;
}
.form .link a:hover {
  text-decoration: underline;
}
```

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Login Form</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0/css/all.min.css">
    <link rel="stylesheet" href="css/form.css" />
  </head>
  <body>
    <div class="form">
      <h2>Login Form</h2>
      <form action="" autocomplete="off">
        <div class="error-text">Error</div>
      <div class="input">
        <label>Email</label>
        <input type="email" name="email" placeholder="Enter Your Email" required>
    </div>
        <div class="input">
            <label>Password</label>
            <input type="password" name="pass" placeholder="Password" required>
        </div>
        <div class="submit">
      <input type="submit" value="Login Now" class="button">
    </div>
    </form>
    <div class="link">Not signed up? <a href="register.php">Signup now</a></div>
    </div>


  <script src="js/login.js"></script>
  </body>
</html>
```

```css
#loader{
    position: fixed;
    top: 0;
    left: 0;
    display: flex;
    justify-content: center;
    align-items: center;
    z-index: 10000;
    width: 100%;
    height: 100%;
    background: rgba(0,0,0,0.5);
    user-select: none;
}
.row-item {
    margin-right: 120px;
  }
  .row-item:last-of-type {
    margin-right: 0;
  }

  .loader {
    position: relative;
    width: 60px;
    height: 60px;
  }
  .loader .circle {
    display: block;
    position: absolute;
    width: 100%;
    height: 100%;
    opacity: 0;
    transform: rotate(225deg);
    animation: loader-rotate-animation 5s infinite;
  }
  .loader .circle:nth-child(2) {
    animation-delay: 220ms;
  }
  .loader .circle:nth-child(3) {
    animation-delay: 440ms;
  }
  .loader .circle:nth-child(4) {
    animation-delay: 660ms;
  }
  .loader .circle:nth-child(5) {
    animation-delay: 880ms;
  }
  .loader .circle:after {
    content: "";
    position: absolute;
    width:7px;
    height: 7px;
    border-radius: 50%;
    background: #fff;
  }

  @keyframes loader-rotate-animation {
    0% {
      opacity: 0;
      transform: rotate(225deg);
      animation-timing-function: ease-out;
    }
    7% {
      opacity: 1;
      transform: rotate(345deg);
      animation-timing-function: linear;
    }
    30% {
      opacity: 1;
      transform: rotate(455deg);
      animation-timing-function: ease-out;
    }
    39% {
      opacity: 1;
      transform: rotate(690deg);
      animation-timing-function: linear;
    }
    70% {
      opacity: 1;
```

```css
      transform: rotate(815deg);
      animation-timing-function: ease-out;
    }
    75% {
      opacity: 0;
      transform: rotate(945deg);
    }
    100% {
      opacity: 0;
    }
  }
```

PHP/DB.PHP

```php
<?php

$conn = new mysqli('localhost','root','','form');
if(!$conn.mysqli_connect_error())
{
    echo "Connection Denied";
}


?>
```

VERIFY.CSS

```css
/* verify account style start */
.fields_input {
  display: flex;
  align-items: center;
  justify-content: center;
  margin: 15px 0;
}
.otp_field {
  border-radius: 5px;
  font-size: 60px;
  height: 100px;
  width: 100px;
  border: 3px solid #cacaca;
  margin: 1%;
  text-align: center;
  font-weight: 600;
  outline: none;
}
.otp_field::-webkit-inner-spin-button,
.otp_field::-webkit-outer-spin-button {
  -webkit-appearance: none;
  margin: 0;
}
.otp_field:valid {
  border-color: #3095d8;
  box-shadow: 0 10px 10px -5px rgba(0, 0, 0, 0.25);
}
/* .form form input.resend_btn {
  float: right;
  border: none;
  background: #f2f3f7;
  color: #006692;
  padding: 8px;
  font-size: 14px;
  border-radius: 5px;
  cursor: pointer;
  border: 2px solid #2983aa;
} */

@media only screen and (max-width: 455px) {
  .otp_field {
    font-size: 55px;
    height: 80px;
    width: 80px;
  }
}
```

VERIFY.PHP

```php
<?php
  session_start();
  include 'php/db.php';
  $unique_id = $_SESSION['unique_id'];
  if(empty($unique_id))
  {
      header ("Location: login.php");
  }
  $qry = mysqli_query($conn, "SELECT * FROM users WHERE unique_id = '{$unique_id}'");
  if(mysqli_num_rows($qry) > 0){
    $row = mysqli_fetch_assoc($qry);
    if($row){
      $_SESSION['verification_status'] = $row['verification_status'];
      if($row['verification_status'] == 'Verified')
      {
        header ("Location: index.php");
      }
  }
  }
?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```html
    <title>Verify Account</title>
    <link rel="stylesheet" href="css/form.css">
    <link rel="stylesheet" href="css/verify.css">
  </head>
  <body>
    <div class="form" style="text-align: center;">
      <h2>Verify Your Account</h2>
      <p>We emailed you the four digit otp code to Enter the code below to confirm your email address.</p>
      <form action=""autocomplete="off">
        <div class="error-text">Error</div>
          <div class="fields_input">
            <input type="number" name="otp1" class="otp_field" placeholder="0" min="0" max="9" required onpaste="return false">
            <input type="number" name="otp2" class="otp_field" placeholder="0" min="0" max="9" required onpaste="return false">
            <input type="number" name="otp3" class="otp_field" placeholder="0" min="0" max="9" required onpaste="return false">
            <input type="number" name="otp4" class="otp_field" placeholder="0" min="0" max="9" required onpaste="return false">
        </div>
        <div class="submit">
        <!-- <input type="button" name="resend" class="resend_btn" value="Resend Again"> -->
        <input type="submit" value="Verify Now" class="button">
      </div>
      </form>
      </div>
<script src="js/verify.js"></script>
  </body>
</html>
```

PHP/OTP.PHP

```php
<?php
    session_start();
    include_once  "db.php";
    $otp1 = $_POST['otp1'];
    $otp2 = $_POST['otp2'];
    $otp3 = $_POST['otp3'];
    $otp4 = $_POST['otp4'];
    $unique_id = $_SESSION['unique_id'];
    $session_otp = $_SESSION['otp'];

    $otp = $otp1.$otp2.$otp3.$otp4;

    if(!empty($otp)){
        if($otp ==  $session_otp){
            $sql = mysqli_query($conn, "SELECT * FROM users WHERE unique_id = '{$unique_id}' AND otp = '{$otp}'");
            if(mysqli_num_rows($sql) > 0){
                $null_otp = 0;
               $sql2 = mysqli_query($conn,"UPDATE users SET `verification_status` = 'Verified' , `otp` = '$null_otp' WHERE unique_id =
{$unique_id}");
                if($sql2){
                $row = mysqli_fetch_assoc($sql);
                if($row){
                    $_SESSION['unique_id'] = $row['unique_id'];
                    $_SESSION['verification_status'] = $row['verification_status'];
                echo "success";
                }
            }
            }
        }
        else{
            echo "Wrong Otp!";
        }
    }
    else{
        echo "Enter Otp!";
    }
?>
```

```javascript
const otp = document.querySelectorAll('.otp_field');

// Initially focus first input
otp[0].focus();

otp.forEach((field, index) => {
    field.addEventListener('keydown', (e) => {
        if(e.key >= 0 && e.key <= 9) {
            otp[index].value = "";
            setTimeout(() => {
                otp[index+1].focus();
            }, 4);
        } else if (e.key === 'Backspace') {
            setTimeout(() => {
                otp[index-1].focus();
            }, 4);
        }
    });
});


const form = document.querySelector('.form form'),
submitbtn = form.querySelector('.submit .button'),
errortxt = form.querySelector('.error-text');


form.onsubmit = (e) =>{
    e.preventDefault();          //stops the default action
}
submitbtn.onclick = () =>{
    // start ajax

    let xhr = new XMLHttpRequest(); //create xml object
    xhr.open("POST","./php/otp.php",true);
    xhr.onload = () =>{
        if(xhr.readyState == XMLHttpRequest.DONE){
            if(xhr.status == 200){
                let data = xhr.response;
                if(data == "success"){
                    location.href = "./index.php";
                }
                else{
                    errortxt.textContent = data;
                    errortxt.style.display = "block";
                }
            }
        }
    }
    let formData = new FormData(form);
    xhr.send(formData);
}
```

JS/REGISTER.JS

```javascript
const form = document.querySelector('.form form'),
submitbtn = form.querySelector('.submit input'),
errortxt = form.querySelector('.error-text');

form.onsubmit = (e) =>{
    e.preventDefault();          //stops the default action

}


submitbtn.onclick = () =>{
    // start ajax

    let xhr = new XMLHttpRequest(); // create xml object
    xhr.open("POST","./Php/signup.php",true);
    xhr.onload = () =>{

        if(xhr.readyState === XMLHttpRequest.DONE){
            if(xhr.status === 200){
                let data = xhr.response;
                    if(data == "success"){
                    location.href = "./verify.php";
                    }
                else{
                    errortxt.textContent = data;
                    errortxt.style.display = "block";
                }

            }
        }

    }
    // send data through ajax to php
    let formData = new FormData(form); //creating new object from form data
    xhr.send(formData);  //sending data to php

}
```

PHP/SIGNUP.PHP

```php
<?php
    session_start();
    include_once  "db.php";
$fname = $_POST['fname'];
$lname = $_POST['lname'];
$email = $_POST['email'];
$phone = $_POST['phone'];
$password = md5($_POST['pass']);
$cpassword = md5($_POST['cpass']);
$Role = 'user';
$verification_status = '0';

// checking fields are not empty
if(!empty($fname) && !empty($lname) && !empty($email) && !empty($phone) && !empty($password) && !empty($cpassword)){
    //if email is valid
    if(filter_var($email,FILTER_VALIDATE_EMAIL)){
        //checking email already exists
        $sql = mysqli_query($conn,"SELECT email FROM users WHERE email = '{$email}'");
        if(mysqli_num_rows($sql) > 0){
            echo "$email - Already Exists!";
        }
        else{
            if($password == $cpassword){
            //let's check user upload file or not
            if (isset($_FILES['image'])) {          //if file is uploaded
            $img_name = $_FILES['image']['name'];       //getting image name
            $img_typ = $_FILES['image']['type'];            //getting image name
            $tmp_name = $_FILES['image']['tmp_name'];   //set temporary name
            $img_explode = explode('.', $img_name);   // let's Explode Image
            $img_extension = end($img_explode);
            $extensions = ['png', 'jpeg', 'jpg'];        //these are some valid extensions

            if(in_array($img_extension,$extensions) === true){
                $time = time();
                $newimagename = $time . $img_name;
                if(move_uploaded_file($tmp_name,"../Images/" . $newimagename)){
```

```php
                    $random_id = rand(time(),10000000);
                    $otp =  mt_rand(1111,9999);
                    // let's start insert data into table

                    $sql2 = mysqli_query($conn,"INSERT INTO users (unique_id, fname, lname, email, phone, password,
image,otp,verification_status, Role)
                    VALUES
({$random_id},'{$fname}','{$lname}','{$email}','{$phone}','{$password}','{$newimagename}','{$otp}','{$verification_status}','{$Role}')");
                    if($sql2){
                        $sql3 = mysqli_query($conn,"SELECT * FROM users WHERE email = '{$email}'");
                        if(mysqli_num_rows($sql3)>0){
                            $row = mysqli_fetch_assoc($sql3);
                            $_SESSION['unique_id'] = $row['unique_id'];
                            $_SESSION['email'] = $row['email'];
                            $_SESSION['otp'] = $row['otp'];


                            //mail function
                            if($otp){
                                $receiver = $email;
                                $subject = "From: $fname $lname <$email>";
                                $body = "Name "." $fname $lname  \n Email" . " $email \n Otp" . " $otp";
                                $sender = "From: omnipexonline@gmail.com" ;

                                if(mail($receiver, $subject, $body, $sender)){
                                    echo "success";
                                }
                                else{
                                    echo "Email Problem!" . mysqli_error($conn);
                                }
                            }

                            // mail function end
                        }
                    }
                    else {
                        echo "Somethings went wrong! " . mysqli_error($conn);
                    }
                }

            } else {
                echo "Please Select an Profile File - JPEG, PNG, JPG!";
            }


            }
            else {
                echo "Please Select an Profile File";
            }
        }
        else{
            echo "Confirm Password Don't Match!";

        }
        }

    }
    else {
        echo "$email ~ This is not valid Email!";
    }
}
else {
    echo "All Inputs Fields are Required!";
}
?>
```

PHP/LOGIN.PHP

```php
<?php
    session_start();
    include 'db.php';
    $Email = $_POST['email'];
    $Password =  md5($_POST['pass']);

    if(!empty($Email)&& !empty($Password)){
        $sql = mysqli_query($conn, "SELECT * FROM users WHERE email = '{$Email}' AND password = '{$Password}'");
        if(mysqli_num_rows($sql) > 0){
```

```php
            $row = mysqli_fetch_assoc($sql);
            if($row){
            $_SESSION['unique_id'] = $row['unique_id'];
            $_SESSION['email'] = $row['email'];
            $_SESSION['otp'] = $row['otp'];
            echo "success";
        }
        }
        else{
            echo "Email or Password is Incorrect! ";
        }
    }
    else{
        echo "All Fields are Required!";
    }
?>
```

PHP/LOGOUT.PHP

```php
<?php
    session_start();
    if(isset($_SESSION['unique_id'])){
        include "db.php";
        $logout_id = mysqli_real_escape_string($conn, $_GET['logout_id']);
        if(isset($logout_id)){
                session_unset();
                session_destroy();
                header("location: ../login.php");
        }
        else{
            header("location: ../index.php");
        }
    }
    else{
        header("location: ../login.php");
    }

?>
```

INDEX.PHP

```php
<?php
  session_start();
  include 'php/db.php';
  $unique_id = $_SESSION['unique_id'];
  $email = $_SESSION['email'];
  if(empty($unique_id))
  {
      header ("Location: login.php");
  }
  $qry = mysqli_query($conn, "SELECT * FROM users WHERE unique_id = '{$unique_id}'");
  if(mysqli_num_rows($qry) > 0){
    $row = mysqli_fetch_assoc($qry);
    if($row){
      $_SESSION['Role'] = $row['Role'];
      if($row['verification_status'] != 'Verified')
      {
        header ("Location: verify.php");
      }
  }
  }
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Home</title>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <link rel="stylesheet" href="css/loader.css" />
    <style>
      @import url("https://fonts.googleapis.com/css2?family=Poppins:wght@600&display=swap");
      *{
        margin: 0;
        padding: 0;
        box-sizing: border-box;
        font-family: "Poppins", "sans-serif";
```

```
        }
        body{
          position: relative;
          width: 100%;
          height: 100vh;
        }
        a{
          text-decoration: none;
        }
        ul{
          list-style: none;
        }
        body{
          position: relative;
          width: 100%;
        }
        #header{
          display: flex;
          justify-content: space-between;
          padding: 25px;
          background: #ddd;
        }
        #header a.Logo h1{
          text-transform: uppercase;
          color: #006692;
        }
        button.logout_btn{
          padding: 9px 25px;
          background-color: #006692;
          border-radius: 8px;
          border: 1px solid #00b3ff;
          cursor: pointer;
          transition: all 0.3s ease 0s;
          color: #f2f3f7;
          text-transform: uppercase;
          font-weight: 600;
          letter-spacing: 1px;
        }
        section{
          margin: 40px;
        }
        span{
          color: #006698;
          cursor: pointer;
          text-decoration: underline;
        }
      </style>
</head>
<body>

    <header id="header">
        <a href="#" class="Logo"><h1>Logo</h1></a>
        <nav>
            <ul class="navigation">
                <li><a href="php/logout.php?logout_id=<?php echo $unique_id?>"><button class="logout_btn">Log Out</button></a></li>
            </ul>
        </nav>
    </header>

<section>
    <h2>Welcome : <span><?php echo $email;?></span></h2>
</section>

<div id="loader">
  <div class="loader row-item">
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
  <span class="circle"></span>
</div>
<script>
    $(document).ready(function() {
    //Preloader
    preloaderFadeOutTime = 1200;
    function hidePreloader() {
    var preloader = $('#loader');
    preloader.fadeOut(preloaderFadeOutTime);
    }
    hidePreloader();
```

```
      });
    </script>
  </body>
</html>
```