

PROJECT DEVELOPMENT PHASE

SPRINT-1 SOURCE CODE

Team ID	PNT2022TMID29843
Project Name	Developing a flight delay prediction model using machine learning.
Team members	Sridhar K V Sriram S M Tamilarasan D Vittal J S

Login-user.php

```
<?php require_once "controllerUserData.php"; ?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Login Form</title>

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="container">

        <div class="row">

            <div class="col-md-4 offset-md-4 form login-form">

                <form action="login-user.php" method="POST" autocomplete="">

                    <h2 class="text-center">Login Form</h2>

                    <p class="text-center">Login with your email and password.</p>

                    <?php

                    if(count($errors) > 0){

                        ?>

                        <div class="alert alert-danger text-center">
```

```
<?php
foreach($errors as $showerror){
    echo $showerror;
}
?>
</div>
<?php
}
?>
<div class="form-group">
    <input class="form-control" type="email" name="email" placeholder="Email
Address" required value="<?php echo $email ?>">
</div>
<div class="form-group">
    <input class="form-control" type="password" name="password"
placeholder="Password" required>
</div>
<div class="link forget-pass text-left"><a href="forgot-password.php">Forgot
password?</a></div>
<div class="form-group">
    <input class="form-control button" type="submit" name="login"
value="Login">
</div>
<div class="link login-link text-center">Not yet a member? <a href="signup-
user.php">Signup now</a></div>
</form>
</div>
</div>
</div>

</body>
</html>
```

Home.php

```
<?php require_once "controllerUserData.php"; ?>

<?php

$email = $_SESSION['email'];
$password = $_SESSION['password'];
if($email != false && $password != false){
    $sql = "SELECT * FROM usertable WHERE email = '$email'";
    $run_Sql = mysqli_query($con, $sql);
    if($run_Sql){
        $fetch_info = mysqli_fetch_assoc($run_Sql);
        $status = $fetch_info['status'];
        $code = $fetch_info['code'];
        if($status == "verified"){
            if($code != 0){
                header('Location: reset-code.php');
            }
        }else{
            header('Location: user-otp.php');
        }
    }
}else{
    header('Location: login-user.php');
}

?>

<!DOCTYPE html>

<html lang="en">

<head>
```

```
<meta charset="UTF-8">

<title><?php echo $fetch_info['name'] ?> | Home</title>

<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<style>

@import
url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700&display=swap');

nav{

    padding-left: 100px!important;

    padding-right: 100px!important;

    background: #6665ee;

    font-family: 'Poppins', sans-serif;

}

nav a.navbar-brand{

    color: #fff;

    font-size: 30px!important;

    font-weight: 500;

}

button a{

    color: #6665ee;

    font-weight: 500;

}

button a:hover{

    text-decoration: none;

}

h1{

    position: absolute;

    top: 50%;

    left: 50%;

    width: 100%;

    text-align: center;
```

```

        transform: translate(-50%, -50%);
        font-size: 50px;
        font-weight: 600;
    }
</style>
</head>
<body>
    <nav class="navbar">
        <a class="navbar-brand" href="#">Brand name</a>
        <button type="button" class="btn btn-light"><a href="logout-
user.php">Logout</a></button>
    </nav>
    <h1>Welcome <?php echo $fetch_info['name'] ?></h1>

</body>
</html>

```

ControllerUserData.php

```

<?php
session_start();
require "connection.php";
$email = "";
$name = "";
$errors = array();

//if user signup button
if(isset($_POST['signup'])){
    $name = mysqli_real_escape_string($con, $_POST['name']);
    $email = mysqli_real_escape_string($con, $_POST['email']);
    $password = mysqli_real_escape_string($con, $_POST['password']);
    $cpassword = mysqli_real_escape_string($con, $_POST['cpassword']);
}

```

```

if($password !== $cpassword){
    $errors['password'] = "Confirm password not matched!";
}

$email_check = "SELECT * FROM usertable WHERE email = '$email'";
$res = mysqli_query($con, $email_check);
if(mysqli_num_rows($res) > 0){
    $errors['email'] = "Email that you have entered is already exist!";
}

if(count($errors) === 0){
    $encpass = password_hash($password, PASSWORD_BCRYPT);
    $code = rand(999999, 111111);
    $status = "notverified";
    $insert_data = "INSERT INTO usertable (name, email, password, code, status)
        values('$name', '$email', '$encpass', '$code', '$status)";
    $data_check = mysqli_query($con, $insert_data);
    if($data_check){
        $subject = "Email Verification Code";
        $message = "Your verification code is $code";
        $sender = "From: sriramsm01@gmail.com";
        if(mail($email, $subject, $message, $sender)){
            $info = "We've sent a verification code to your email - $email";
            $_SESSION['info'] = $info;
            $_SESSION['email'] = $email;
            $_SESSION['password'] = $password;
            header('location: user-otp.php');
            exit();
        }else{
            $errors['otp-error'] = "Failed while sending code!";
        }
    }else{

```

```

        $errors['db-error'] = "Failed while inserting data into database!";
    }
}

}

//if user click verification code submit button
if(isset($_POST['check'])){
    $_SESSION['info'] = "";
    $otp_code = mysqli_real_escape_string($con, $_POST['otp']);
    $check_code = "SELECT * FROM usertable WHERE code = $otp_code";
    $code_res = mysqli_query($con, $check_code);
    if(mysqli_num_rows($code_res) > 0){
        $fetch_data = mysqli_fetch_assoc($code_res);
        $fetch_code = $fetch_data['code'];
        $email = $fetch_data['email'];
        $code = 0;
        $status = 'verified';
        $update_otp = "UPDATE usertable SET code = $code, status = '$status' WHERE code = $fetch_code";
        $update_res = mysqli_query($con, $update_otp);
        if($update_res){
            $_SESSION['name'] = $name;
            $_SESSION['email'] = $email;
            header('location: home.php');
            exit();
        }else{
            $errors['otp-error'] = "Failed while updating code!";
        }
    }else{
        $errors['otp-error'] = "You've entered incorrect code!";
    }
}

```

```
}
```

```
//if user click login button
```

```
if(isset($_POST['login'])){
```

```
    $email = mysqli_real_escape_string($con, $_POST['email']);
```

```
    $password = mysqli_real_escape_string($con, $_POST['password']);
```

```
    $check_email = "SELECT * FROM usertable WHERE email = '$email'";
```

```
    $res = mysqli_query($con, $check_email);
```

```
    if(mysqli_num_rows($res) > 0){
```

```
        $fetch = mysqli_fetch_assoc($res);
```

```
        $fetch_pass = $fetch['password'];
```

```
        if(password_verify($password, $fetch_pass)){
```

```
            $_SESSION['email'] = $email;
```

```
            $status = $fetch['status'];
```

```
            if($status == 'verified'){
```

```
                $_SESSION['email'] = $email;
```

```
                $_SESSION['password'] = $password;
```

```
                header('location: home.php');
```

```
            }else{
```

```
                $info = "It's look like you haven't still verify your email - $email";
```

```
                $_SESSION['info'] = $info;
```

```
                header('location: user-otp.php');
```

```
            }
```

```
        }else{
```

```
            $errors['email'] = "Incorrect email or password!";
```

```
        }
```

```
    }else{
```

```
        $errors['email'] = "It's look like you're not yet a member! Click on the bottom link to  
signup.";
```

```
    }
```

```
}
```



```

//if user click continue button in forgot password form
if(isset($_POST['check-email'])){
    $email = mysqli_real_escape_string($con, $_POST['email']);
    $check_email = "SELECT * FROM usertable WHERE email='$email'";
    $run_sql = mysqli_query($con, $check_email);
    if(mysqli_num_rows($run_sql) > 0){
        $code = rand(999999, 111111);
        $insert_code = "UPDATE usertable SET code = $code WHERE email = '$email'";
        $run_query = mysqli_query($con, $insert_code);
        if($run_query){
            $subject = "Password Reset Code";
            $message = "Your password reset code is $code";
            $sender = "From: shahiprem7890@gmail.com";
            if(mail($email, $subject, $message, $sender)){
                $info = "We've sent a password reset otp to your email - $email";
                $_SESSION['info'] = $info;
                $_SESSION['email'] = $email;
                header('location: reset-code.php');
                exit();
            }else{
                $errors['otp-error'] = "Failed while sending code!";
            }
        }else{
            $errors['db-error'] = "Something went wrong!";
        }
    }else{
        $errors['email'] = "This email address does not exist!";
    }
}
}

```

```
//if user click check reset otp button
if(isset($_POST['check-reset-otp'])){
    $_SESSION['info'] = "";
    $otp_code = mysqli_real_escape_string($con, $_POST['otp']);
    $check_code = "SELECT * FROM usertable WHERE code = $otp_code";
    $code_res = mysqli_query($con, $check_code);
    if(mysqli_num_rows($code_res) > 0){
        $fetch_data = mysqli_fetch_assoc($code_res);
        $email = $fetch_data['email'];
        $_SESSION['email'] = $email;
        $info = "Please create a new password that you don't use on any other site.";
        $_SESSION['info'] = $info;
        header('location: new-password.php');
        exit();
    }else{
        $errors['otp-error'] = "You've entered incorrect code!";
    }
}
}
```

```
//if user click change password button
if(isset($_POST['change-password'])){
    $_SESSION['info'] = "";
    $password = mysqli_real_escape_string($con, $_POST['password']);
    $cpassword = mysqli_real_escape_string($con, $_POST['cpassword']);
    if($password !== $cpassword){
        $errors['password'] = "Confirm password not matched!";
    }else{
        $code = 0;
        $email = $_SESSION['email']; //getting this email using session
    }
}
```

```

        $encpass = password_hash($password, PASSWORD_BCRYPT);

        $update_pass = "UPDATE usertable SET code = $code, password = '$encpass' WHERE
email = '$email'";

        $run_query = mysqli_query($con, $update_pass);

        if($run_query){

            $info = "Your password changed. Now you can login with your new password.";

            $_SESSION['info'] = $info;

            header('Location: password-changed.php');

        }else{

            $errors['db-error'] = "Failed to change your password!";

        }

    }

}

//if login now button click
if(isset($_POST['login-now'])){

    header('Location: login-user.php');

}

?>

```

Forgot-password.php

```

<?php require_once "controllerUserData.php"; ?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Forgot Password</title>

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="style.css">

</head>

```

```
<body>
<div class="container">
  <div class="row">
    <div class="col-md-4 offset-md-4 form">
      <form action="forgot-password.php" method="POST" autocomplete="">
        <h2 class="text-center">Forgot Password</h2>
        <p class="text-center">Enter your email address</p>
        <?php
          if(count($errors) > 0){
            ?>
            <div class="alert alert-danger text-center">
              <?php
                foreach($errors as $error){
                  echo $error;
                }
              ?>
            </div>
            <?php
          }
        ?>
        <div class="form-group">
          <input class="form-control" type="email" name="email" placeholder="Enter
email address" required value="<?php echo $email ?>">
        </div>
        <div class="form-group">
          <input class="form-control button" type="submit" name="check-email"
value="Continue">
        </div>
      </form>
    </div>
  </div>
</div>
```

</div>

</body>

</html>

User-otp.php

```
<?php require_once "controllerUserData.php"; ?>
```

```
<?php
```

```
$email = $_SESSION['email'];
```

```
if($email == false){
```

```
    header('Location: login-user.php');
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <title>Code Verification</title>
```

```
    <link rel="stylesheet"
```

```
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
    <div class="container">
```

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

```
            <div class="col-md-4 offset-md-4 form">
```

```
                <form action="user-otp.php" method="POST" autocomplete="off">
```

```
                    <h2 class="text-center">Code Verification</h2>
```

```
                    <?php
```

```
                        if(isset($_SESSION['info'])){
```

```
                            ?>
```

```
<div class="alert alert-success text-center">
    <?php echo $_SESSION['info']; ?>
</div>

<?php
}
?>

<?php
if(count($errors) > 0){
    ?>

    <div class="alert alert-danger text-center">

        <?php
        foreach($errors as $showerror){
            echo $showerror;
        }
        ?>

    </div>

    <?php
}
?>

<div class="form-group">
    <input class="form-control" type="number" name="otp" placeholder="Enter
verification code" required>
</div>

<div class="form-group">
    <input class="form-control button" type="submit" name="check"
value="Submit">
</div>
</form>
</div>
</div>
```

```
</body>
```

```
</html>
```

Sign-up.php

```
<?php require_once "controllerUserData.php"; ?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <title>Signup Form</title>
```

```
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" href="style.css">
```

```
    <style>
```

```
body {
```

```
    background-image: url('C:\Users\SRIRAM\Downloads\wallpaper (15).jpg');
```

```
    background-repeat: no-repeat;
```

```
    background-attachment: fixed;
```

```
    background-size: 100% 100%;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
    <div class="container">
```

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

```
            <div class="col-md-4 offset-md-4 form">
```

```
                <form action="signup-user.php" method="POST" autocomplete="">
```

```
                    <h2 class="text-center">Signup Form</h2>
```

```
                    <p class="text-center">It's quick and easy.</p>
```

```
                <?php
```

```
                    if(count($errors) == 1){
```

```

?>
<div class="alert alert-danger text-center">
    <?php
    foreach($errors as $showerror){
        echo $showerror;
    }
    ?>
</div>
<?php
}elseif(count($errors) > 1){
    ?>
    <div class="alert alert-danger">
        <?php
        foreach($errors as $showerror){
            ?>
            <li><?php echo $showerror; ?></li>
            <?php
        }
        ?>
    </div>
    <?php
}
?>
<div class="form-group">
    <input class="form-control" type="text" name="name" placeholder="Full
Name" required value="<?php echo $name ?>">
</div>
<div class="form-group">
    <input class="form-control" type="email" name="email" placeholder="Email
Address" required value="<?php echo $email ?>">
</div>

```



```
<div class="form-group">
    <input class="form-control" type="password" name="password"
placeholder="Password" required>
</div>

<div class="form-group">
    <input class="form-control" type="password" name="cpassword"
placeholder="Confirm password" required>
</div>

<div class="form-group">
    <input class="form-control button" type="submit" name="signup"
value="Signup">
</div>

<div class="link login-link text-center">Already a member? <a href="login-
user.php">Login here</a></div>
</form>
</div>
</div>
</div>

</body>
</html>
```

Logout-user.php

```
<?php
session_start();
session_unset();
session_destroy();
header('location: login-user.php');
?>
```

Connection.php

```
<?php  
$con = mysqli_connect('localhost', 'root', '', 'userform');  
?>
```

Style.css

```
@import  
url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700&display=swap');  
  
html,body{  
    background-image: url('wallpaper\ \ (15\).jpg');  
    background-repeat: no-repeat;  
    background-attachment: fixed;  
    background-size: 100% 100%;  
    font-family: 'Poppins', sans-serif;  
  
}  
  
::selection{  
    color: #fff;  
    background: #6665ee;  
}  
  
.container{  
    position: absolute;  
    top: 50%;  
    left: 50%;  
    transform: translate(-50%, -50%);  
}  
  
.container .form{  
    background: #fff;  
    opacity: 0.8;  
    padding: 30px 35px;  
    border-radius: 5px;  
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
```

```
}  
.container .form form .form-control{  
    height: 40px;  
    font-size: 15px;  
}  
.container .form form .forget-pass{  
    margin: -15px 0 15px 0;  
}  
.container .form form .forget-pass a{  
    font-size: 15px;  
}  
.container .form form .button{  
    background: #6665ee;  
    color: #fff;  
    font-size: 17px;  
    font-weight: 500;  
    transition: all 0.3s ease;  
}  
.container .form form .button:hover{  
    background: #5757d1;  
}  
.container .form form .link{  
    padding: 5px 0;  
}  
.container .form form .link a{  
    color: #6665ee;  
}  
.container .login-form form p{  
    font-size: 14px;  
}
```

```
.container .row .alert{  
    font-size: 14px;  
}
```

Userform.sql

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";  
START TRANSACTION;  
SET time_zone = "+00:00";  
CREATE TABLE `usertable` (  
    `id` int(11) NOT NULL,  
    `name` varchar(255) NOT NULL,  
    `email` varchar(255) NOT NULL,  
    `password` varchar(255) NOT NULL,  
    `code` mediumint(50) NOT NULL,  
    `status` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;  
ALTER TABLE `usertable`  
    ADD PRIMARY KEY (`id`);  
ALTER TABLE `usertable`  
    MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;  
COMMIT;
```