PROJECT DEVELOPMENT PHASE

SPRINT-1 SOURCE CODE

Date	30 October 2022
Team ID	PNT2022TMID49460
Project Name	Developing a Flight Delay Model Using Machine Learning
Maximum Marks	8 Marks

login.php

```php
<?php
include 'config.php';
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\SMTP;
use PHPMailer\PHPMailer\Exception;
require 'vendor/autoload.php';
session_start();
error_reporting(0);
if (isset($_SESSION["user_id"]))
  {header("Location:
  welcome.php");
}
if (isset($_POST["signup"])) {
  $full_name = mysqli_real_escape_string($conn, $_POST["signup_full_name"]);
  $email = mysqli_real_escape_string($conn, $_POST["signup_email"]);
  $password = mysqli_real_escape_string($conn, md5($_POST["signup_password"]));
  $cpassword = mysqli_real_escape_string($conn, md5($_POST["signup_cpassword"]));
  $token = md5(rand());
  $check_email = mysqli_num_rows(mysqli_query($conn, "SELECT email FROM users WHERE email='$email'"));
```

```php
if ($password !== $cpassword) {

echo "<script>alert('Password did not match.');</script>";

} elseif ($check_email > 0) {

echo "<script>alert('Email already exists in out database.');</script>";

} else {

$sql = "INSERT INTO users (full_name, email, password, token, status) VALUES ('$full_name', '$email', '$password', '$token', '0')";

$result = mysqli_query($conn, $sql);

if ($result) {

  $_POST["signup_full_name"] = "";

  $_POST["signup_email"] = "";

  $_POST["signup_password"] = "";

  $_POST["signup_cpassword"] = "";

  $to = $email;

  $subject = "Email verification - Find Me";

  $message = "

  <html>

  <head>

  <title>{$subject}</title>

  </head>

  <body>

  <p><strong>Dear {$full_name},</strong></p>

  <p>Thanks for registration! Verify your email to access our website. Click below link to verify your email.</p>

  <p><a href='{$base_url}verify-email.php?token={$token}'>Verify Email</a></p>

  </body>

  </html>

  ";
```

```php
    //Create an instance; passing `true` enables exceptions
    $mail = new PHPMailer(true);
    try {
      //Server settings
      $mail->SMTPDebug = 0;                    //Enable verbose debug output
      $mail->isSMTP();                         //Send using SMTP
      $mail->Host     = $smtp['host'];         //Set the SMTP server to send through
      $mail->SMTPAuth   = true;                //Enable SMTP authentication
      $mail->Username   = $smtp['user'];       //SMTP username
      $mail->Password   = $smtp['pass'];       //SMTP password
      $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;      //Enable implicit TLS
encryption
      $mail->Port     = $smtp['port'];         //TCP port to connect to; use 587 if
you have set `SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`
      //Recipients
      $mail->setFrom($my_email);
      $mail->addAddress($email, $full_name);   //Add a recipient
      //Content
      $mail->isHTML(true);                     //Set email format to HTML
      $mail->Subject = $subject;
      $mail->Body    = $message;
      $mail->send();
      echo "<script>alert('We have sent a verification link to your email - {$email}.');</script>";
    } catch (Exception $e) {
      echo "<script>alert('Mail not sent. Please try again.');</script>";
    }
  } else {
    echo "<script>alert('User registration failed.');</script>";
```

```php
    }

   }

}


if (isset($_POST["signin"])) {

  $email = mysqli_real_escape_string($conn, $_POST["email"]);

  $password = mysqli_real_escape_string($conn, md5($_POST["password"]));


  $check_email = mysqli_query($conn, "SELECT id FROM users WHERE email='$email' AND password='$password' AND status='1'");

  if (mysqli_num_rows($check_email) > 0) {

    $row = mysqli_fetch_assoc($check_email);

    $_SESSION["user_id"] = $row['id'];

    header("Location: welcome.php");

  } else {

    echo "<script>alert('Login details is incorrect. Please try again.');</script>";

  }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

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

  <title>Find Me</title>

</head>

<body>
```

```html
<div class="container">
  <div class="forms-container">
    <div class="signin-signup">
      <form action="" method="post" class="sign-in-form">
        <h2 class="title">Sign in</h2>
        <div class="input-field">
          <i class="fas fa-user"></i>
          <input type="text" placeholder="Email Address" name="email" value="<?php echo $_POST['email']; ?>" required />
        </div>
        <div class="input-field">
          <i class="fas fa-lock"></i>
          <input type="password" placeholder="Password" name="password" value="<?php echo $_POST['password']; ?>" required />
        </div>
        <input type="submit" value="Login" name="signin" class="btn solid" />
        <p style="display: flex;justify-content: center;align-items: center;margin-top: 20px;"><a href="forgot-password.php" style="color: #4590ef;">Forgot Password?</a></p>
      </form>
      <form action="" class="sign-up-form" method="post">
        <h2 class="title">Sign up</h2>
        <div class="input-field">
          <i class="fas fa-user"></i>
          <input type="text" placeholder="Full Name" name="signup_full_name" value="<?php echo $_POST["signup_full_name"]; ?>" required />
        </div>
        <div class="input-field">
          <i class="fas fa-envelope"></i>
```

```html
        <input type="email" placeholder="Email Address" name="signup_email" value="<?php
echo $_POST["signup_email"]; ?>" required />

        </div>

        <div class="input-field">

          <i class="fas fa-lock"></i>

          <input type="password" placeholder="Password" name="signup_password"
value="<?php echo $_POST["signup_password"]; ?>" required />

        </div>

        <div class="input-field">

          <i class="fas fa-lock"></i>

          <input type="password" placeholder="Confirm Password" name="signup_cpassword"
value="<?php echo $_POST["signup_cpassword"]; ?>" required />

        </div>

        <input type="submit" class="btn" name="signup" value="Sign up" />

      </form>

    </div>

  </div>


  <div class="panels-container">
   <div class="panel left-panel">
    <div class="content">
     <h3>New here ?</h3>
     <br>


     <button class="btn transparent" id="sign-up-btn">
       Sign up
     </button>
    </div>
```

```html
      <img src="img/download.png" class="image" alt="" />
    </div>
    <div class="panel right-panel">
     <div class="content">
      <h3>One of us ?</h3>
      <br>
            <button class="btn transparent" id="sign-in-btn">
        Sign in
      </button>
     </div>
     <img src="img/image.png" class="image" alt="" />
    </div>
   </div>
  </div>
<script src="https://kit.fontawesome.com/64d58efce2.js" crossorigin="anonymous"></script>
  <script src="app.js"></script>
</body>
</html>
```

logout.php

```php
<?php
session_start();
session_unset();
session_destroy();
header("Location: login.php");
?>
```

Verify-email.php

```php
<?php
session_start();
if (isset($_GET["token"]))

    {include 'config.php';

    $sql = "UPDATE users SET status='1' WHERE token='{$_GET["token"]}'";

    mysqli_query($conn, $sql);

     $showUserId = mysqli_fetch_assoc(mysqli_query($conn, "SELECT id FROM users WHERE
token='{$_GET["token"]}'"));

    $_SESSION["user_id"] = $showUserId['id'];

    header("Location: welcome.php");
} else {

    header("Location: login.php");

}
?>
```

reset-password.php

```php
<?php

include 'config.php';

error_reporting(0);

session_start();

if (isset($_SESSION["user_id"]))
  {header("Location:

  welcome.php");
}
```

```php
if (isset($_POST["resetPassword"])) {

  $password = mysqli_real_escape_string($conn, md5($_POST["new_password"]));

  $cpassword = mysqli_real_escape_string($conn, md5($_POST["cnew_password"]));

  if ($password === $cpassword) {

    $sql = "UPDATE users SET password='$password' WHERE token='{$_GET["token"]}'";

    mysqli_query($conn, $sql);

    header("Location: login.php");

  } else {

    echo "<script>alert('Password not matched.');</script>";

  }

}


?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link rel="stylesheet" href="style.css" />
  <title>Find Me</title>
</head>
<body>
  <div class="container">
    <div class="forms-container">
      <div class="signin-signup">
        <form action="" method="post" class="sign-in-form">
          <h2 class="title">Reset Password</h2>
```

```html
    <div class="input-field">

      <i class="fas fa-lock"></i>

      <input type="password" placeholder="New Password" name="new_password"
value="<?php echo $_POST['new_password']; ?>" required />

    </div>

    <div class="input-field">

      <i class="fas fa-lock"></i>

      <input type="password" placeholder="Confirm New Password" name="cnew_password"
value="<?php echo $_POST['cnew_password']; ?>" required />

    </div>

    <input type="submit" value="Reset Password" name="resetPassword" class="btn solid" />

   </form>

  </div>

 </div>


 <div class="panels-container">

  <div class="panel left-panel">

   <div class="content">

    <h3>Reset Password ?</h3>

   </div>

   <img src="img/log.svg" class="image" alt="" />

  </div>

 </div>

</div>
<script src="https://kit.fontawesome.com/64d58efce2.js" crossorigin="anonymous"></script>

 <script src="app.js"></script>

</body>

</html>
```

reset-password.php

```php
<?php
include 'config.php';
error_reporting(0);
session_start();
if (isset($_SESSION["user_id"]))
  {header("Location:
  welcome.php");
}
if (isset($_POST["resetPassword"])) {
  $password = mysqli_real_escape_string($conn, md5($_POST["new_password"]));
  $cpassword = mysqli_real_escape_string($conn, md5($_POST["cnew_password"]));
  if ($password === $cpassword) {
    $sql = "UPDATE users SET password='$password' WHERE token='{$_GET["token"]}'";
    mysqli_query($conn, $sql);
    header("Location: login.php");
  } else {
    echo "<script>alert('Password not matched.');</script>";
  }
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link rel="stylesheet" href="style.css" />
  <title>Find Me</title>
```

```html
</head>
<body>
  <div class="container">
    <div class="forms-container">
      <div class="signin-signup">
        <form action="" method="post" class="sign-in-form">
          <h2 class="title">Reset Password</h2>
          <div class="input-field">
            <i class="fas fa-lock"></i>
            <input type="password" placeholder="New Password" name="new_password"
value="<?php echo $_POST['new_password']; ?>" required />
          </div>
          <div class="input-field">
            <i class="fas fa-lock"></i>
            <input type="password" placeholder="Confirm New Password" name="cnew_password"
value="<?php echo $_POST['cnew_password']; ?>" required />
          </div>
          <input type="submit" value="Reset Password" name="resetPassword" class="btn solid" />
        </form>
      </div>
    </div>
    <div class="panels-container">
      <div class="panel left-panel">
        <div class="content">
          <h3>Reset Password ?</h3>
        </div>
        <img src="img/log.svg" class="image" alt="" />
      </div>
```

```html
      </div>

    </div>

    <script src="https://kit.fontawesome.com/64d58efce2.js" crossorigin="anonymous"></script>

    <script src="app.js"></script>

  </body>

</html>
```

forgot-password.php

```php
<?php

include 'config.php';

use PHPMailer\PHPMailer\PHPMailer;

use PHPMailer\PHPMailer\SMTP;

use PHPMailer\PHPMailer\Exception;

require 'vendor/autoload.php';

session_start();

error_reporting(0);

if (isset($_SESSION["user_id"]))

  {header("Location:

  welcome.php");

}

if (isset($_POST["resetPassword"])) {

  $email = mysqli_real_escape_string($conn, $_POST["email"]);

  $check_email = mysqli_query($conn, "SELECT * FROM users WHERE email='$email'");

  if (mysqli_num_rows($check_email) > 0) {

    $data = mysqli_fetch_assoc($check_email);

    $to = $email;

    $subject = "Reset Password - Find Me";
```

```php
$message = "
<html>
<head>
<title>{$subject}</title>
</head>
<body>
<p><strong>Dear {$data['full_name']},</strong></p>
<p>Forgot Password? Not a problem. Click below link to reset your password.</p>
<p><a href='{$base_url}reset-password.php?token={$data['token']}'>Reset
Password</a></p>
</body>
</html>
";
$mail = new PHPMailer(true);
try {
    $mail->SMTPDebug = 0;
    $mail->isSMTP();
    $mail->Host       = $smtp['host'];
    $mail->SMTPAuth   = true;
    $mail->Username   = $smtp['user'];
    $mail->Password   = $smtp['pass'];
    $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
    $mail->Port       = $smtp['port'];
    $mail->setFrom($my_email);
    $mail->addAddress($email, $data['full_name']);
    $mail->isHTML(true);
    $mail->Subject = $subject;
    $mail->Body    = $message;
```

```php
    $mail->send();

    echo "<script>alert('We have sent a reset password link to your email -
{$email}.');</script>";

  } catch (Exception $e) {

    echo "<script>alert('Mail not sent. Please try again.');</script>";

  }

} else {

  echo "<script>alert('Email not found.');</script>";

}

}

?>
```

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

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

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

  <title>Find Me</title>

</head>

<body>

  <div class="container">

    <div class="forms-container">

      <div class="signin-signup">

        <form action="" method="post" class="sign-in-form">

          <h2 class="title">Reset Password</h2>

          <div class="input-field">

            <i class="fas fa-user"></i>
```

```
        <input type="text" placeholder="Email Address" name="email" value="<?php echo
$_POST['email']; ?>" required />

      </div>

        <input type="submit" value="Send Verification Link" name="resetPassword" class="btn
solid" />

    </form>

   </div>

  </div>

  <div class="panels-container">

   <div class="panel left-panel">

    <div class="content">

     <h3>Forgot Password ?</h3>

</div>

     <img src="img/img1.png" class="image" alt="" />

    </div>

   </div>

  </div>

  <script src="https://kit.fontawesome.com/64d58efce2.js" crossorigin="anonymous"></script>

  <script src="app.js"></script>

</body>

</html>
```

config.php

```php
<?php

$hostname = "localhost";

$username = "root";

$password = "";

$database = "test";
```

```php
$conn = mysqli_connect($hostname, $username, $password, $database) or die("Database connection failed");

$base_url = "http://localhost/Find-Me/";

$my_email = "ENTER YOUR MAIL";

$smtp['host'] = "smtp.gmail.com";

$smtp['user'] = " ENTER YOUR MAIL ";

$smtp['pass'] = "ENTER YOUR PASSWORD";

$smtp['port'] = 465;
```

db.sql

```sql
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";

START TRANSACTION;

SET time_zone = "+00:00";


CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `full_name` varchar(50) NOT NULL,
  `email` varchar(100) NOT NULL,
  `password` varchar(255) NOT NULL,
  `token` varchar(255) NOT NULL,
  `status` int(11) NOT NULL,
  `photo` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;


INSERT INTO `users` (`id`, `full_name`, `email`, `password`, `token`, `status`, `photo`)
VALUES
```

(1, 'Prasanna', 'jeyaprasanna630@gmail.com', 'bedebb62a1716ada5fa7203f46c02723',
'0cb5e63a18e45aadc68a9e894d88618d', 1, '907182248Screenshot 2021-05-17 115128.png');

ALTER TABLE `users`

  ADD PRIMARY KEY (`id`);

AUTO_INCREMENT for dumped tables

AUTO_INCREMENT for table `users`

ALTER TABLE `users`

  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

COMMIT;