

PROJECT DEVELOPMENT PHASE

SPRINT-1 SOURCE CODE

Date	30 October 2022
Team ID	PNT2022TMID40519
Project Name	Developing a Flight Delay Prediction Model Using Machine Learning
Maximum Marks	8 Marks

login.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'"));

    if ($password !== $cpassword) {
        echo "<script>alert('Password did not match.');";
    }
}
```

```

} elseif ($check_email > 0) { echo "<script>alert('Email already exists
in out database.');";
} 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>
";
        //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.');

```

```
$email = mysqli_real_escape_string($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.');
```

```

<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>
        <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>

    
  </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>

     </div>

</div>

</div>

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

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

</body>

</html>

```

logout.php

```

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

```

Verify-email.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
```

```
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.');
```

```
}
```



```
?>

<!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-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>

</div>
```

```

<div class="panels-container">
  <div class="panel left-panel">
    <div class="content">
      <h3>Reset Password ?</h3>
    </div>
     </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
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.');"; }
}
?>

<!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-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>

            

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

```

forgot-password.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";

        $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;
$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.');" }

} else { echo "<script>alert('Email not
found.');" }

}

?>

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

```

config.php

```
<?php
```

```
$hostname = "localhost";  
$username = "root";  
$password = "";  
$database = "test";  
  
$conn = mysqli_connect($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

```
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',
'0cb5e63a18e45aad68a9e894d88618d', 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;
```