

## PROJECT DEVELOPMENT PHASE

### SPRINT-1 SOURCE CODE

Date	30 October 2022
Team ID	PNT2022TMID49462
Project Name	Iot based smart crop protection for agriculture
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.');
```

```

//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>";

```

```

    }
}
}

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.');

```

```
<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>
```

```
<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>

<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>Scan My Nutri</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>

</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.');
```

```
</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 - Scan My Nutri";
```

```
$message = "  
<html>  
<head>  
<title>{$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.');"</script>";

}

} else {

    echo "<script>alert('Email not found.');"</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>Scan My Nutri</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 = "";

$databse = "test";

```



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

```
$base_url = "http://localhost/Scan-My-Nutri/";
```

```
$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, 'Mugesh', 'mugesh9902@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;
```