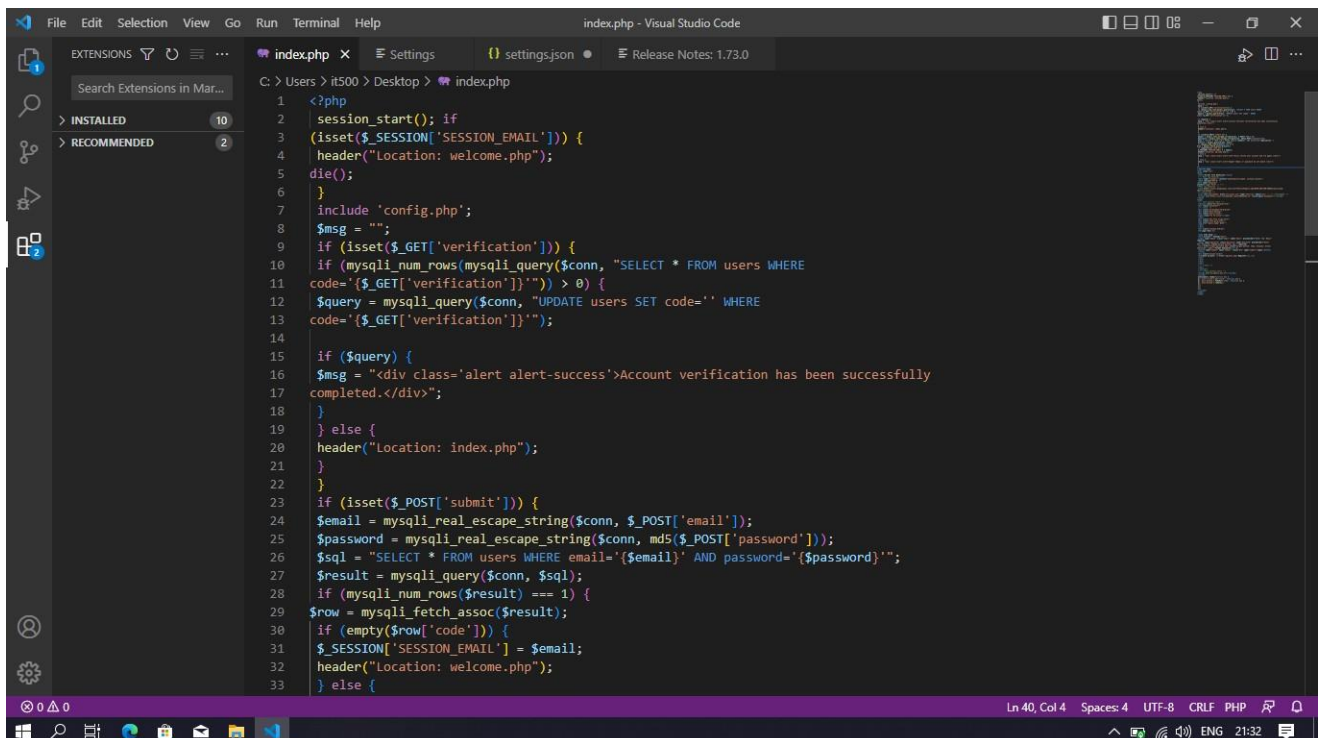


Project Development Phase

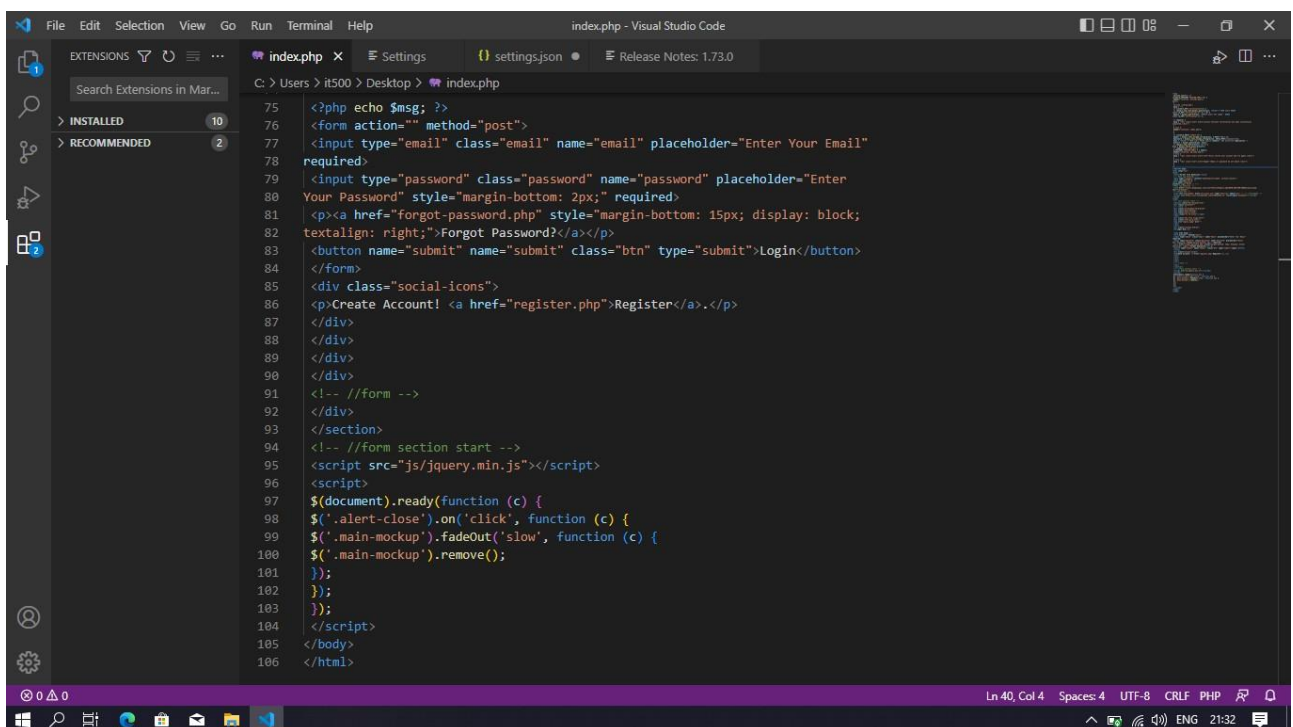
Sprint - 1

Date	01 November 2022
Team ID	PNT2022TMID11740
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	8 Marks

index.php:



```
C:\Users> it500 > Desktop > index.php
1  <?php
2  session_start(); if
3  (isset($_SESSION['SESSION_EMAIL'])) {
4  header("Location: welcome.php");
5  die();
6  }
7  include 'config.php';
8  $msg = "";
9  if (isset($_GET['verification'])) {
10 if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE
11 code='{$_GET['verification']}'") > 0) {
12 $query = mysqli_query($conn, "UPDATE users SET code='' WHERE
13 code='{$_GET['verification']}'");
14
15 if ($query) {
16 $msg = "<div class='alert alert-success'>Account verification has been successfully
17 completed.</div>";
18 }
19 } else {
20 header("Location: index.php");
21 }
22 }
23 if (isset($_POST['submit'])) {
24 $email = mysqli_real_escape_string($conn, $_POST['email']);
25 $password = mysqli_real_escape_string($conn, md5($_POST['password']));
26 $sql = "SELECT * FROM users WHERE email='{$_email}' AND password='{$_password}'";
27 $result = mysqli_query($conn, $sql);
28 if (mysqli_num_rows($result) == 1) {
29 $row = mysqli_fetch_assoc($result);
30 if (empty($row['code'])) {
31 $_SESSION['SESSION_EMAIL'] = $email;
32 header("Location: welcome.php");
33 } else {
```



```
75 <?php echo $msg; ?>
76 <form action="" method="post">
77 <input type="email" class="email" name="email" placeholder="Enter Your Email"
78 required>
79 <input type="password" class="password" name="password" placeholder="Enter
80 Your Password" style="margin-bottom: 2px;" required>
81 <p><a href="forgot-password.php" style="margin-bottom: 15px; display: block;
82 text-align: right;">Forgot Password?</a></p>
83 <button name="submit" value="submit" class="btn" type="submit">Login</button>
84 </form>
85 <div class="social-icons">
86 <p>Create Account! <a href="register.php">Register</a></p>
87 </div>
88 </div>
89 </div>
90 </div>
91 <!-- //form -->
92 </div>
93 </section>
94 <!-- //form section start -->
95 <script src="js/jquery.min.js"></script>
96 <script>
97 $(document).ready(function (c) {
98 $('.alert-close').on('click', function (c) {
99 $('.main-mockup').fadeOut('slow', function (c) {
100 $('.main-mockup').remove();
101 });
102 });
103 });
104 </script>
105 </body>
106 </html>
```

Code:

```
<?php
    session_start(); if
(isset($_SESSION['SESSION_EMAIL'])) {
    header("Location: welcome.php");
die();
}
include 'config.php';
$msg = "";
if (isset($_GET['verification'])) {
    if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE
code='{$_GET['verification']}'")) > 0) {
        $query = mysqli_query($conn, "UPDATE users SET code='' WHERE
code='{$_GET['verification']}'");

        if ($query) {
            $msg = "<div class='alert alert-success'>Account verification has been successfully
completed.</div>";
        }
    } else {
        header("Location: index.php");
    }
}
if (isset($_POST['submit'])) {
    $email = mysqli_real_escape_string($conn, $_POST['email']);
    $password = mysqli_real_escape_string($conn, md5($_POST['password']));
    $sql = "SELECT * FROM users WHERE email='{$_email}' AND password='{$_password}'";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) === 1) {
        $row = mysqli_fetch_assoc($result);
        if (empty($row['code'])) {
            $_SESSION['SESSION_EMAIL'] = $email;
            header("Location: welcome.php");
        } else {
            $msg = "<div class='alert alert-info'>First verify your account and try again.</div>";
        }
    } else {
        $msg = "<div class='alert alert-danger'>Email or password do not match.</div>";
    }
}
?>
<!DOCTYPE html>
<html lang="zxx">
<head>
    <title>Forest fire detection</title>
    <!-- Meta tag Keywords -->
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="UTF-8" />
    <meta name="keywords"
content="Login Form" /> <!--
//Meta tag Keywords -->
    <link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">
    <!--/Style-CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//StyleCSS -->
    <script src="https://kit.fontawesome.com/af562a2a63.js" crossorigin="anonymous"></script>
</head>
<body>
    <!-- form section start -->
    <section class="w3l-mockup-form">
    <div class="container">
    <!-- /form -->
    <div class="workinghny-form-grid">
    <div class="main-mockup">
```

```

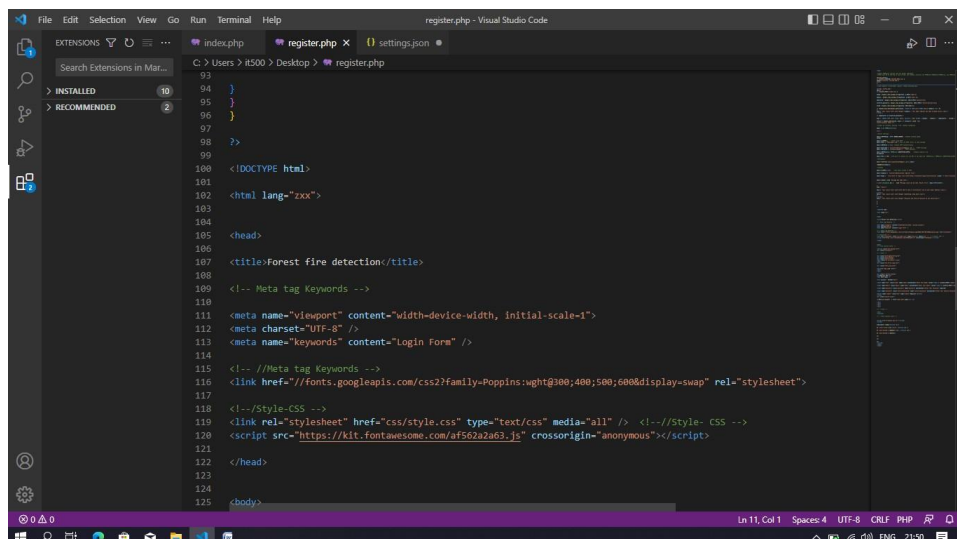
<div class="alert-close">
<span class="fa fa-close"></span>
</div>
<div class="w3l_form align-self">
<div class="left_grid_info">

</div>
</div>
<div class="content-wthree">
<h2>Login Now</h2>

<?php echo $msg; ?>
<form action="" method="post">
<input type="email" class="email" name="email" placeholder="Enter Your Email"
required>
<input type="password" class="password" name="password" placeholder="Enter
Your Password" style="margin-bottom: 2px;" required>
<p><a href="forgot-password.php" style="margin-bottom: 15px; display: block;
textalign: right;">Forgot Password?</a></p>
<button name="submit" name="submit" class="btn" type="submit">Login</button>
</form>
<div class="social-icons">
<p>Create Account! <a href="register.php">Register</a>.</p>
</div>
</div>
</div>
</div>
<!-- //form -->
</div>
</section>
<!-- //form section start -->
<script src="js/jquery.min.js"></script>
<script>
$(document).ready(function (c) {
$($('.alert-close').on('click', function (c) {
$($('.main-mockup').fadeOut('slow', function (c) {
$($('.main-mockup').remove());
});
});
});
</script>
</body>
</html>

```

register.php:



```

<?php

//Import PHPMailer classes into the global namespace
//These must be at the top of your script, not inside a function use
PHPMailer\PHPMailer\PHPMailer; use PHPMailer\PHPMailer\SMTP; use PHPMailer\PHPMailer\Exception;

session_start();
if (isset($_SESSION['SESSION_EMAIL'])) {
header("Location: welcome.php");
die();
}

//Load Composer's autoloader require 'vendor/autoload.php';

include 'config.php';
$msg = "";
if (isset($_POST['submit'])) {

$name = mysqli_real_escape_string($conn, $_POST['name']);

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

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

$confirm_password = mysqli_real_escape_string($conn, md5($_POST['confirm-password']));

$code = mysqli_real_escape_string($conn, md5(rand()));

if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE email='{ $email }'")) > 0)
{
$msg = "<div class='alert alert-danger'>{ $email } - This email address has been already
exists.</div>";
} else {

if ($password === $confirm_password) {

$sql = "INSERT INTO users (name, email, password, code) VALUES ('{ $name }', '{ $email }',
'{ $password }', '{ $code }')";

$result = mysqli_query($conn, $sql); if ($result) { echo "<div
style='display: none;'>";

//Create an instance; passing `true` enables exceptions

$mail = new PHPMailer(true);

try {

//Server settings

$mail->SMTPDebug = SMTP::DEBUG_SERVER; //Enable verbose debug
output

$mail->isSMTP(); //Send using SMTP
$mail->Host = 'smtp.gmail.com'; //Set the SMTP server to send through

$mail->SMTPAuth = true; //Enable SMTP authentication

$mail->Username = 'forestfiredetection13@gmail.com '; //SMTP username
$mail->Password = 'nolubeunltmkypfl'; //SMTP password

$mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS; //Enable implicit TLS
encryption

```

```

$mail->Port = 465; //TCP port to connect to; use 587 if you have set `SMTPSecure =
PHPMailer::ENCRYPTION_STARTTLS`

//Recipients

$mail->setFrom('smartroadsafety247@gmail.com'); $mail-

>addAddress($email);

//Content

$mail->isHTML(true);    //Set email format to HTML

$mail->Subject = 'forestfiredetection13 register form';

$mail->Body = ' click here to login <b><a href="http://localhost/login/?verification= '.$code.'">
http://localhost/login/?verification= '.$code.'</a></b>';

$mail->send(); echo 'Message has been sent';

} catch (Exception $e) {    echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";
}
echo "</div>";

$msg = "<div class='alert alert-info'>We've send a verification link on your email
address.</div>";

} else {
$msg = "<div class='alert alert-danger'>Something wrong went.</div>";
}
} else {
$msg = "<div class='alert alert-danger'>Password and Confirm Password do not match</div>";
}
}
}

?>

<!DOCTYPE html>

<html lang="zxx">

<head>

<title>Forest fire detection</title>

<!-- Meta tag Keywords -->

<meta name="viewport" content="width=device-width, initial-scale=1">
<meta charset="UTF-8" />
<meta name="keywords" content="Login Form" />

<!-- //Meta tag Keywords -->
<link href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">

<!--/Style-CSS -->
<link rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--//Style- CSS -->
<script src="https://kit.fontawesome.com/af562a2a63.js" crossorigin="anonymous"></script>

</head>

```

```

<body>
<!-- form section start -->

<section class="w3l-mockup-form">
<div class="container">

<!-- /form -->

<div class="workinghny-form-grid">
<div class="main-mockup">
<div class="alert-close">
<span class="fa fa-close"></span>
</div>
<div class="w3l_form align-self">

<div class="left_grid_info">


</div>
</div>

<div class="content-wthree">
<h2>Register Now</h2>
<?php echo $msg; ?>

<form action="" method="post">

<input type="text" class="name" name="name" placeholder="Enter Your Name" value="<?php if
(isset($_POST['submit'])) { echo $name; } ?>" required>

<input type="email" class="email" name="email" placeholder="Enter Your Email" value="<?php if
(isset($_POST['submit'])) { echo $email; } ?>" required>

<input type="password" class="password" name="password" placeholder="Enter Your Password"
required>

<input type="password" class="confirm-password" name="confirm-password" placeholder="Enter Your
Confirm Password" required>

<button name="submit" class="btn" type="submit">Register</button>
</form>
<div class="social-icons">

<p>Have an account! <a href="index.php">Login</a>.</p>

</div>
</div>
</div>
</div>
</div>

<!-- //form -->

</div>
</section>

<!-- //form section start -->

<script src="js/jquery.min.js"></script>
<script>

$(document).ready(function (c) {

$('.alert-close').on('click', function (c) {

```

```

$('.main-mockup').fadeOut('slow', function (c) {

$('.main-mockup').remove();

});

});

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

```

welcome.php:

```

<?php
session_start();
if(!isset($_SESSION['SESSION_EMAIL'])) {
header("Location: index.php");
die();
}

include 'config.php';

$query = mysqli_query($conn, "SELECT * FROM users WHERE
email='{$_SESSION['SESSION_EMAIL']}'");

if (mysqli_num_rows($query) > 0) {

$row = mysqli_fetch_assoc($query);

echo "Welcome " . $row['name'] . " <a href='logout.php'>Logout</a>";
}
?>

```

forgetpwd.php:

```

<?php

session_start(); if (isset($_SESSION['SESSION_EMAIL'])) {
header("Location: welcome.php");

die();
}

//Import PHPMailer classes into the global namespace

//These must be at the top of your script, not inside a function use
PHPMailer\PHPMailer\PHPMailer; use PHPMailer\PHPMailer\SMTP; use
PHPMailer\PHPMailer\Exception;

```

```
//Load Composer's autoloader require 'vendor/autoload.php';

include 'config.php';

$msg = "";

if (isset($_POST['submit'])) {

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

$code = mysqli_real_escape_string($conn, md5(rand()));

if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE
email='{ $email}'")) > 0) {

$query = mysqli_query($conn, "UPDATE users SET code='{ $code}' WHERE
email='{ $email}'");

if ($query) {    echo "<div style='display: none;'>";

//Create an instance; passing `true` enables exceptions

$mail = new PHPMailer(true);

try {

//Server settings

$mail->SMTPDebug = SMTP::DEBUG_SERVER; //Enable verbose debug output

$mail->isSMTP(); //Send using SMTP

$mail->Host = 'smtp.gmail.com'; //Set the SMTP server to send through

$mail->SMTPAuth = true; //Enable SMTP authentication

$mail->Username = 'forestfiredetection13@gmail.com'; //SMTP username

$mail->Password = 'nolubeunltmkypfl'; //SMTP password

$mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS; //Enable implicit TLS encryption

$mail->Port = 465; //TCP port to connect to; use 587 if you have set
`SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

//Recipients

$mail->setFrom('forestfiredetection13@gmail.com');

$mail->addAddress($email);
```



```
//Content

$mail->isHTML(true);    //Set email format to HTML

$mail->Subject = 'smartroadsafety247 reset password';

$mail->Body = 'reset link <b><a
href="http://localhost/login/changepassword.php?reset='.$code.'">http://localhost/login/changepassword.php?reset='.$code.'</a></b>';

$mail->send();  echo 'Message has been sent';

} catch (Exception $e) {    echo "Message could not be sent.
Mailer Error: {$mail->ErrorInfo}";

}

echo "</div>";

$msg = "<div class='alert alert-info'>We've send a verification link on your email
address.</div>";

}

} else {

$msg = "<div class='alert alert-danger'>$email - This email address do not
found.</div>";

}
}
?>

<!DOCTYPE html>
<html lang="zxx">
<head>

<title>Forest fire detection</title>

<!-- Meta tag Keywords -->

<meta name="viewport" content="width=device-width, initial-scale=1">
<meta charset="UTF-8" />
<meta name="keywords" content="Login Form" />

<!-- //Meta tag Keywords -->

<link
href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swap"
rel="stylesheet">

<!--/Style-CSS -->
```

```

<link rel="stylesheet" href="css/style.css" type="text/css" media="all" /> <!--
//Style- CSS -->
<script src="https://kit.fontawesome.com/af562a2a63.js"
crossorigin="anonymous"></script>

</head>
<body>

<!-- form section start -->

<section class="w3l-mockup-form">

<div class="container">

<!-- /form -->

<div class="workinghny-form-grid">

<div class="main-mockup">

<div class="alert-close">

<span class="fa fa-close"></span>

</div>
<div class="w3l_form align-self">

<div class="left_grid_info">


</div>
</div>
<div class="content-wthree">
<h2>Forgot Password</h2>

<?php echo $msg; ?>
<form action="" method="post">
<input type="email" class="email" name="email" placeholder="Enter Your Email"
required>
<button name="submit" class="btn" type="submit">Send Reset Link</button>
</form>
<div class="social-icons">
<p>Back to! <a href="index.php">Login</a>.</p>
</div>
</div>
</div>
</div>
<!-- //form -->
</div>
</section>
<!-- //form section start -->

<script src="js/jquery.min.js"></script>

```

```
<script>

$(document).ready(function (c) {
$('.alert-close').on('click', function (c) {
$('.main-mockup').fadeOut('slow', function (c) {
$('.main-mockup').remove();
});
});
});
});
</script>
</body>

</html>
```

logout.php:

```
<?php

session_start(); session_unset(); session_destroy();

header("Location: index.php");
```

styles.css:

```
html {

    scroll-behavior: smooth;

}

body, html {
margin: 0;

padding: 0;

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

}

* {

    box-sizing: border-box;

}

.d-grid { display: grid;
}
```

```
.d-flex { display: flex;
display: -webkit-flex;

}
```

```
.text-center {

text-align: center;

}
```

```
.text-left {

text-align: left;

}
```

```
.text-right {

text-align: right;

}
```

```
button, input, select {
-webkit-appearance: none;

outline: none;

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

}
```

```
button,

.btn, select {
cursor: pointer;

}
```

```
a {

text-decoration: none;

}
```

```
img {
```

```
max-width: 100%;
```

```
}
```

```
ul {
```

```
margin: 0;
```

```
padding: 0
```

```
}
```

```
h1,
```

```
h2,
```

```
h3,
```

```
h4,
```

```
h5,
```

```
h6,
```

```
p {
```

```
margin: 0;
```

```
padding: 0
```

```
}
```

```
p {
```

```
color: #666; font-size: 16px;
```

```
line-height: 25px; opacity: .6;
```

```
}
```

```
.p-relative { position: relative;
```

```
}
```

```
.p-absolute { position: absolute;
```

```
}
```

```
.p-fixed { position: fixed;
```

```
}
```

```
.p-sticky { position: sticky;
}
```

```
.btn, button,
.actionbg, input {
border-radius: 4px;

-webkit-border-radius:
4px;

-moz-border-radius: 4px;

-o-border-radius: 4px;

-ms-border-radius: 4px;

}
```

```
.btn:hover, button:hover {
transition: 0.5s ease;

-webkit-transition: 0.5s ease;

-o-transition: 0.5s ease;

-ms-transition: 0.5s ease;

-moz-transition: 0.5s ease;

}
```

```
/*-- wrapper start --*/
```

```
.wrapper { width: 100%;
padding-right: 15px; padding-left: 15px; margin-right: auto; margin-left: auto;
}
```

```
@media (min-width: 576px) {
```

```
.wrapper {
```

```
max-width: 540px;
```

```
}
```

```
}
```

```
@media (min-width: 768px) {
```

```
.wrapper {
```

```
max-width: 720px;
```

```
}
```

```
}
```

```
@media (min-width: 992px) {
```

```
.wrapper {
```

```
max-width: 960px;
```

```
}
```

```
}
```

```
@media (min-width: 1200px) {
```

```
.wrapper {
```

```
max-width: 1140px;
```

```
}
```

```
}
```

```
.wrapper-full { width: 100%;  
padding-right: 15px; padding-left: 15px; margin-right: auto; margin-left: auto;  
}
```

```
/*-- //wrapper start --*/
```

```
/*-- form styling --*/
```

```
.w3l-mockup-form { position: relative; min-height: 100vh; z-index: 0;  
background: rgba(99, 194, 110, 0.1);
```

```
padding: 40px 40px;
```

```
}
```

```
.container {
```

```
max-width: 890px; margin: 0 auto;
```

```
}
```

```
.w3l_form { padding: 0px; flex-basis: 50%;
```

```

-webkit-flex-basis: 50%; background: #eba134; padding: 100px 50px;

border-top-left-radius: 8px;

border-bottom-left- radius: 8px;

display: flex;

justify-content: center; align-items: center;
}

.content-wthree { flex-basis: 60%;
-webkit-flex-basis: 60%; box-sizing: border-box; padding: 3em 3.5em; background:
#fff;
box-shadow: 2px 9px 49px -17px rgba(0, 0, 0,
0.1);

border-top-right-radius: 8px;

border-bottom-right- radius: 8px;

}

.w3l-workinghny-form
.logo {

text-align: center;

}

.w3l-mockup-form .main- mockup {

position: relative; display: -webkit-box; display: -moz-box; display: -ms-
flexbox; display: -webkit-flex; display: flex;
margin: 40px 0;

}

.w3l-mockup-form .alert- close {

cursor: pointer; height: 35px; width: 35px;
line-height: 35px; position: absolute;
right: -5px;

top: -5px; background: #eba134; border-radius: 50px; color: #fff;
text-align: center;

}

.w3l-mockup-form form { margin-top: 30px; margin-bottom: 30px;
}

.social-icons {

```



```
text-align: center;
```

```
}
```

```
.w3l-mockup-form h1 { text-align: center; font-size: 40px;  
font-weight: 500; color: #3b3663;  
}
```

```
.w3l-mockup-form h2 { display: inline-block; font-size: 25px;  
line-height: 35px; margin-bottom: 5px; font-weight: 600; color: #3b3663;  
}
```

```
.w3l-mockup-form input { outline: none;  
margin-bottom: 15px; font-size: 16px;  
color: #999; text-align: left;  
padding: 14px 20px; width: 100%; display: inline-block;  
box-sizing: border-box; border: none;  
outline: none;
```

```
background: transparent;
```

```
border: 1px solid #e5e5e5;
```

```
transition: 0.3s all ease;
```

```
}
```

```
.w3l-mockup-form input:focus {
```

```
border-color: #eba134;
```

```
}
```

```
.w3l-mockup-form button { font-size: 18px;  
color: #fff; width: 100%;  
background: #eba134; border: none; padding: 14px 15px; font-weight: 500;  
transition: .3s ease;  
-webkit-transition: .3s ease;
```

```
-moz-transition: .3s ease;
```

```
-ms-transition: .3s ease;
```

```
-o-transition: .3s ease;
```

```
}
```

```
.w3l-mockup-form button:hover {
```

```
background: #FF8C00;
```

```
}
```

```
.w3l-mockup-form .social- icons ul li {  
list-style: none; display: inline-block;  
}  
  
.w3l-mockup-form .social- icons ul li a {  
padding: 8px;  
}  
  
.w3l-mockup-form .social- icons ul li a:hover {  
opacity: 0.8; transition: 0.5s ease;  
  
-webkit-transition: 0.5s ease;  
  
-o-transition: 0.5s ease;  
  
-ms-transition: 0.5s ease;  
  
-moz-transition: 0.5s ease;  
}  
  
.w3l-mockup-form .social- icons ul span.fa {  
color: #696687; font-size: 18px; opacity: .8;  
}  
  
.w3l-mockup-form .social- icons ul li a.facebook span {  
color: #3b5998;  
}  
  
.w3l-mockup-form .social- icons ul li a.twitter span {  
color: #1da1f2;  
}  
  
.w3l-mockup-form .social- icons ul li a.pinterest span {  
color: #e60023;  
}
```

```
.copyright p {

text-align: center; font-size: 17px; line-height: 26px; color: #607863;
opacity: 1;

}


p.copy-footer-29 a { color: #517856;
}

p.copy-footer-29 a:hover { color: #eba134;

transition: 0.5s ease;

-webkit-transition: 0.5s ease;

-o-transition: 0.5s ease;

-ms-transition: 0.5s ease;

-moz-transition: 0.5s ease;

}


.alert {

padding: 1rem; border-radius: 5px; color: white; margin: 1rem 0;
}

.alert-success { background-color:
#eba134;

}

.alert-danger {

background-color: #fc5555;

}

.alert-info { background-color:
#2E9AFE;

}

.alert-warning { background-color:
#ff9966;

}

/*-- responsive design --*/
```

```
@media (max-width:736px) {

.w3l-mockup-form
.main-mockup {

flex-direction: column;

}

.w3l_form {

order: 2; padding: 50px; border-radius: 0;
border-bottom-left-radius: 8px;

border-bottom-right-radius: 8px;

}

.content-wthree { order: 1;
border-radius: 0;

border-top-left-radius:
8px;

border-top-right-radius: 8px;

}

}

@media (max-width:568px) {

.w3l-mockup-form h1 { font-size: 30px;
}

.w3l-mockup-form
.main-mockup { margin: 30px 0;
}

.content-wthree { padding: 2.5em;
}

}

@media (max-width: 415px) {

.w3l-mockup-form { padding: 40px 30px;
}
```

```
}
```

```
@media (max-width:384px) {
```

```
.w3l-mockup-form { padding: 30px 15px;  
}
```

```
.content-wthree { padding: 2em;  
}
```

```
.w3l-mockup-form h1 { font-size: 28px;  
}
```

```
.w3l-mockup-form h2 { font-size: 22px;  
line-height: 32px;
```

```
}
```

```
.copyright p { font-size: 16px;  
}
```

```
}
```