

Client Discussion

Me: **Minding my business, suddenly getting a phone call from an unknown number** “What the-”

Unknown caller: “Hi! My name is Mr.Phillips. I was told about you through some family friends and was wondering if you could help me with a problem as you are a computer science student.”

Me: “Ah, well hello, I presume you already know my name then. What can I help you with?”

Mr.Phillips: “Well, I myself am from Australia and I own a company which specializes in shipping and tracking of said shipments, similar to Amazon and DHL but not quite. Anyways, that's fine and dandy, but my main issue with it is that as of late the system has been prone to crashing and giving up on me during busy hours. I'm assuming it's mostly to do with the age of it. Is there anything you can do to help me out?”

Me: “Ah..... I see... I mean.... yes? You might have high hopes though.”

Mr.Phillips: “It doesn't need to be amazing, just better than what I already have which shouldn't be that difficult to do I'm guessing.”

Me: “Well what would you like for the website to do?”

Mr.Phillips: “Nothing too crazy kid, I just need people to log in, view and track their orders, and maybe make it easier for them to connect to the support staff if possible?”

Me: “Seems doable, I'm guessing this is for an international customer base?”

Mr.Phillips: “Yeah, why do you ask?”

Me: “I might be able to include some sort of translation system, no promises though there is only so much I can do”

Mr.Phillips: “That's fine kid, just do me a favor and make sure it looks good for the user's yea?”

Me: “Can Do, I'll keep you updated on the progress”

Phone Line Clicks

Raw Code

Login Page

<?php

```
$con = mysqli_connect("localhost", "root", "") or die ("Failed to connect to MySQL: " . mysqli_error());  
$db = mysqli_select_db($con, 'csia') or die ("Failed to connect to MySQL Database: " . mysqli_error());
```

```
function SignIn()  
{
```

```
    session_start(); //Starting the session for user profile page
```

```
    if (!empty($_POST['username'])) {  
        GLOBAL $con;  
        $query = mysqli_query($con, "SELECT * FROM customers where username = '$_POST[username]'  
AND password = '$_POST[password]'" ) or die(mysqli_error($con));
```

```
        $row = mysqli_fetch_array($query) or die("Sorry you entered the wrong credentials, please <a style =  
color: black; href=logIn.php>click here</a> to go back!;" . mysqli_error($con));
```

```
        if (!empty($row['username']) AND !empty($row['password']))  
        {  
            $_SESSION['username'] = $row['password'];  
            header("Location: redirect.html");  
            exit();  
        }  
    }  
}
```

```
if (isset($_POST['submit'])) {  
    SignIn();  
}
```

```
?>
```

Sign-Up Page

```
<!DOCTYPE html>
```

```
<html>
```

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

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

```
<body>
```

```
    <div id="gradient-border">
```

```
        <form id="regForm" action="signUpProcessingTest.php">  
            <h1><u>Register</u></h1>
```

```
            <div class="tab">
```

```
<h2>Select Username and Password:</h2>
<h3><u>Username</u></h3>
<p><input type="text" name="username" placeholder="Username..." /></p>

<h3><u>Password</u></h3>
<p><input type="password" name="password" placeholder="Password..." /></p>

<h3><u>Confirm Password</u></h3>
<p><input type="password" name="confirmPassword" placeholder="Confirm Password..." /></p>
</div>

<div class="tab">
  <h2>Welcome! Can We Have Your Name?</h2>
  <h3><u>First Name</u></h3>
  <p><input type="text" name="first_name" placeholder="Enter Your First Name..." /></p>

  <h3><u>Last Name</u></h3>
  <p><input type="text" name="last_name" placeholder="Enter Your Last Name..." /></p>

</div>

<div class="tab">
  <h2>Wonderful! How Would We Contact You?</h2>

  <h3><u>Phone Number</u></h3>
  <p><input type="text" name="phone_number" placeholder="Enter Your Cell Phone Number..." /></p>

  <h3><u>Email</u></h3>
  <p><input type="text" name="email" placeholder="Email..." /></p>

</div>
<div class="tab">
  <h2>Okay and Where Exactly Do You Live?</h2>

  <h3><u>Country</u></h3>
  <p><input type="text" name="country" placeholder="Select Your Country..." /></p>

  <h3><u>City</u></h3>
  <p><input type="text" name="city" placeholder="Enter Your City..." /></p>

  <h3><u>State</u></h3>
  <p><input type="text" name="state" placeholder="State..." /></p>

  <h3><u>Address</u></h3>
  <p><input type="text" name="address" placeholder="Enter Your Address..." /></p>

</div>

<div style="overflow:auto;">
  <div>
    <button type="button" id="prevBtn" onclick="nextPrev(-1)">Previous</button>
    <button type="button" id="nextBtn" onclick="nextPrev(1)">Next</button>
  </div>
</div>
```

```

</div>
<!-- Circles which indicates the steps of the form: -->
<div style="text-align:center;margin-top:40px;">
  <span class="step"></span>
  <span class="step"></span>
  <span class="step"></span>
  <span class="step"></span>
</div>

</div>
</form>

<script src="signUpTest.js">

</script>

</body>

</html>

```

CSS for Login and Sign Up

```

@import
url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300;0,400;0,500;0,700;0,900;1,100;1,300;1,400;1,500;1,700;1,900&display=swap');
@import url('https://fonts.googleapis.com/css?family=Raleway');

* {
  box-sizing: border-box;
}

body {
  background-color: #ffffff;
  background-image: url("data:image/svg+xml,%3Csvg xmlns='http://www.w3.org/2000/svg' viewBox='0 0 2000 1500'%3E%3Cdefs%3E%3Crect stroke='%23ffffff' stroke-width='0.59' width='1' height='1' id='s'%3E%3Cpattern id='a' width='3' height='3' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cuse fill='%23fafafa' href='%23s' y='2'%3E%3Cuse fill='%23fafafa' href='%23s' x='1' y='2'%3E%3Cuse fill='%23f5f5f5' href='%23s' x='2' y='2'%3E%3Cuse fill='%23f5f5f5' href='%23s'/%3E%3Cuse fill='%23f0f0f0' href='%23s' x='2'%3E%3Cuse fill='%23f0f0f0' href='%23s' x='1' y='1'%3E%3C/pattern%3E%3Cpattern id='b' width='7' height='11' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23ebebeb'%3E%3Cuse href='%23s'/%3E%3Cuse href='%23s' y='5'/%3E%3Cuse href='%23s' x='1' y='10'%3E%3Cuse href='%23s' x='2' y='1'%3E%3Cuse href='%23s' x='2' y='4'%3E%3Cuse href='%23s' x='3' y='8'%3E%3Cuse href='%23s' x='4' y='3'%3E%3Cuse href='%23s' x='4' y='7'%3E%3Cuse href='%23s' x='5' y='2'%3E%3Cuse href='%23s' x='5' y='6'%3E%3Cuse href='%23s' x='6' y='9'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='h' width='5' height='13' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23ebebeb'%3E%3Cuse href='%23s' y='5'%3E%3Cuse href='%23s' y='8'%3E%3Cuse href='%23s' x='1' y='1'%3E%3Cuse href='%23s' x='1' y='9'%3E%3Cuse href='%23s' x='1' y='12'%3E%3Cuse href='%23s' x='2'%3E%3Cuse href='%23s' x='2' y='4'%3E%3Cuse href='%23s' x='3' y='2'%3E%3Cuse href='%23s' x='3' y='6'%3E%3Cuse href='%23s' x='3' y='11'%3E%3Cuse href='%23s' x='4' y='3'%3E%3Cuse href='%23s' x='4' y='7'%3E%3Cuse href='%23s' x='4' y='10'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='c' width='17' height='13'

```

patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23e5e5e5'%3E%3Cuse href='%23s' y='11'%3E%3Cuse href='%23s' x='2' y='9'%3E%3Cuse href='%23s' x='5' y='12'%3E%3Cuse href='%23s' x='9' y='4'%3E%3Cuse href='%23s' x='12' y='1'%3E%3Cuse href='%23s' x='16' y='6'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='d' width='19' height='17' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23ffffff'%3E%3Cuse href='%23s' y='9'%3E%3Cuse href='%23s' x='16' y='5'%3E%3Cuse href='%23s' x='14' y='2'%3E%3Cuse href='%23s' x='11' y='11'%3E%3Cuse href='%23s' x='6' y='14'%3E%3C/g%3E%3Cg fill='%23e0e0e0'%3E%3Cuse href='%23s' x='3' y='13'%3E%3Cuse href='%23s' x='9' y='7'%3E%3Cuse href='%23s' x='13' y='10'%3E%3Cuse href='%23s' x='15' y='4'%3E%3Cuse href='%23s' x='18' y='1'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='e' width='47' height='53' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23F60'%3E%3Cuse href='%23s' x='2' y='5'%3E%3Cuse href='%23s' x='16' y='38'%3E%3Cuse href='%23s' x='46' y='42'%3E%3Cuse href='%23s' x='29' y='20'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='f' width='59' height='71' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23F60'%3E%3Cuse href='%23s' x='33' y='13'%3E%3Cuse href='%23s' x='27' y='54'%3E%3Cuse href='%23s' x='55' y='55'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='g' width='139' height='97' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23F60'%3E%3Cuse href='%23s' x='11' y='8'%3E%3Cuse href='%23s' x='51' y='13'%3E%3Cuse href='%23s' x='17' y='73'%3E%3Cuse href='%23s' x='99' y='57'%3E%3C/g%3E%3C/pattern%3E%3C/defs%3E%3Crect fill='url(%23a)' width='100%25' height='100%25'%3E%3Crect fill='url(%23b)' width='100%25' height='100%25'%3E%3Crect fill='url(%23h)' width='100%25' height='100%25'%3E%3Crect fill='url(%23c)' width='100%25' height='100%25'%3E%3Crect fill='url(%23d)' width='100%25' height='100%25'%3E%3Crect fill='url(%23e)' width='100%25' height='100%25'%3E%3Crect fill='url(%23f)' width='100%25' height='100%25'%3E%3Crect fill='url(%23g)' width='100%25' height='100%25'%3E%3C/svg%3E");
background-attachment: fixed;
background-size: cover;
}

```
#regForm {  
  background-color: #ffffff;  
  margin: 100px auto;  
  font-family: Roboto, Raleway;  
  min-width: 300px;  
  border-radius: 5px;  
  padding-top: 1%;  
  padding-bottom: 3%;  
  text-align: center;  
}
```

```
h1 {  
  text-align: center;  
  font-weight: 380;  
}
```

```
h2 {  
  font-weight: 300;  
}
```

```
h3 {  
  font-weight: 300;  
  text-align: left;
```

```
margin-left: 15%;  
}
```

```
input {  
padding: 10px;  
width: 70%;  
font-size: 17px;  
font-family: Raleway;  
border: 1px solid #aaaaaa;  
}
```

```
/* input boxes validation */  
input.invalid {  
background-color: #ffdddd;  
}
```

```
#gradient-border {  
--borderWidth: 5px;  
position: relative;  
border-radius: var(--borderWidth);  
margin-left: 30%;  
margin-right: 30%;  
}
```

```
#gradient-border:after {  
content: " ";  
position: absolute;  
top: calc(-1 * var(--borderWidth));  
left: calc(-1 * var(--borderWidth));  
height: calc(100% + var(--borderWidth) * 2);  
width: calc(100% + var(--borderWidth) * 2);  
background: linear-gradient(60deg, #f79533, #f37055, #ef4e7b, #a166ab, #5073b8, #1098ad, #07b39b, #6fba82);  
border-radius: calc(2 * var(--borderWidth));  
z-index: -1;  
animation: animatedgradient 8s ease alternate infinite;  
background-size: 300% 300%;  
}
```

```
@keyframes animatedgradient {  
0% {  
background-position: 0% 50%;  
}  
  
50% {  
background-position: 100% 50%;  
}  
  
100% {  
background-position: 0% 50%;  
}  
}
```

```
/* Hide all steps by default */
.tab {
  display: none;
}

button {
  background-color: #a166ab;
  color: #ffffff;
  border: none;
  padding: 10px 20px;
  font-size: 17px;
  font-family: Raleway;
  cursor: pointer;
  float: left;
}

#button{
  background-color: #07b39b;
  color: #ffffff;
  border: none;
  padding: 10px 20px;
  font-size: 17px;
  font-family: Raleway;
  cursor: pointer;
}

button:hover {
  opacity: 0.8;
}

#prevBtn {
  background-color: #bbbbbb;
  margin-left: 15%;
  float: left;
}

#nextBtn {
  margin-right: 15%;
  float: right;
}

/* circles that indicate the steps */
.step {
  height: 15px;
  width: 15px;
  margin: 0 2px;
  background-color: #ef4e7b;
  border: none;
  border-radius: 50%;
  display: inline-block;
  opacity: 0.5;
}
```

```
.step.active {
  opacity: 1;
}

.step.finish {
  background-color: #f37055;
}
```

Welcome Page

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <title>Home Page</title>
    <meta charset="utf-8">
    <link rel="stylesheet" type="text/css" href="home.css">
  </head>
  <body>
    <div class="wrapper">
      <div id="gradient-border">
        <div id="main">
          <h1>Welcome!</h1>
        </div>
      </div>
    </div>
  </body>
</html>
```

CSS for Welcome Page

```
@import
url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@0,100;0,300;0,400;0,500;0,700;0,900;1,100;1,300;1,400;1,500;1,700;1,900&display=swap');
@import url('https://fonts.googleapis.com/css?family=Raleway');

* {
  box-sizing: border-box;
}

body {
  background-color: #ffffff;
  background-image: url("data:image/svg+xml,%3Csvg xmlns='http://www.w3.org/2000/svg' viewBox='0 0 2000 1500'%3E%3Cdefs%3E%3Crect stroke='%23ffffff' stroke-width='0.59' width='1' height='1' id='s'%3E%3Cpattern id='a' width='3' height='3' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cuse fill='%23fafafa' href='%23s' y='2'%3E%3Cuse fill='%23fafafa' href='%23s' x='1' y='2'%3E%3Cuse fill='%23f5f5f5' href='%23s' x='2' y='2'%3E%3Cuse fill='%23f5f5f5' href='%23s'/%3E%3Cuse fill='%23f0f0f0' href='%23s' x='2'%3E%3Cuse fill='%23f0f0f0' href='%23s' x='1' y='1'%3E%3C/pattern%3E%3Cpattern id='b' width='7' height='11' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg fill='%23ebebeb'%3E%3Cuse href='%23s'/%3E%3Cuse href='%23s' y='5' /%3E%3Cuse href='%23s' x='1' y='10'%3E%3Cuse href='%23s' x='2' y='1'%3E%3Cuse href='%23s' x='2' y='4'%3E%3Cuse href='%23s' x='3' y='8'%3E%3Cuse href='%23s' x='4' y='3'%3E%3Cuse href='%23s' x='4' y='7'%3E%3Cuse href='%23s' x='5' y='2'%3E%3Cuse href='%23s' x='5' y='6'%3E%3Cuse href='%23s' x='6' y='9'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='h' width='5' height='13'
```



```

patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg
fill='%23ebebeb'%3E%3Cuse href='%23s' y='5'%3E%3Cuse href='%23s' y='8'%3E%3Cuse href='%23s'
x='1' y='1'%3E%3Cuse href='%23s' x='1' y='9'%3E%3Cuse href='%23s' x='1' y='12'%3E%3Cuse
href='%23s' x='2'%3E%3Cuse href='%23s' x='2' y='4'%3E%3Cuse href='%23s' x='3' y='2'%3E%3Cuse
href='%23s' x='3' y='6'%3E%3Cuse href='%23s' x='3' y='11'%3E%3Cuse href='%23s' x='4'
y='3'%3E%3Cuse href='%23s' x='4' y='7'%3E%3Cuse href='%23s' x='4'
y='10'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='c' width='17' height='13'
patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg
fill='%23e5e5e5'%3E%3Cuse href='%23s' y='11'%3E%3Cuse href='%23s' x='2' y='9'%3E%3Cuse
href='%23s' x='5' y='12'%3E%3Cuse href='%23s' x='9' y='4'%3E%3Cuse href='%23s' x='12'
y='1'%3E%3Cuse href='%23s' x='16' y='6'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='d' width='19'
height='17' patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53
-693.4)'%3E%3Cg fill='%23ffffff'%3E%3Cuse href='%23s' y='9'%3E%3Cuse href='%23s' x='16'
y='5'%3E%3Cuse href='%23s' x='14' y='2'%3E%3Cuse href='%23s' x='11' y='11'%3E%3Cuse
href='%23s' x='6' y='14'%3E%3C/g%3E%3Cg fill='%23e0e0e0'%3E%3Cuse href='%23s' x='3'
y='13'%3E%3Cuse href='%23s' x='9' y='7'%3E%3Cuse href='%23s' x='13' y='10'%3E%3Cuse
href='%23s' x='15' y='4'%3E%3Cuse href='%23s' x='18' y='1'%3E%3C/g%3E%3C/pattern%3E%3Cpattern
id='e' width='47' height='53' patternUnits='userSpaceOnUse' patternTransform='scale(13.25)
translate(-924.53 -693.4)'%3E%3Cg fill='%23F60'%3E%3Cuse href='%23s' x='2' y='5'%3E%3Cuse
href='%23s' x='16' y='38'%3E%3Cuse href='%23s' x='46' y='42'%3E%3Cuse href='%23s' x='29'
y='20'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='f' width='59' height='71'
patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg
fill='%23F60'%3E%3Cuse href='%23s' x='33' y='13'%3E%3Cuse href='%23s' x='27' y='54'%3E%3Cuse
href='%23s' x='55' y='55'%3E%3C/g%3E%3C/pattern%3E%3Cpattern id='g' width='139' height='97'
patternUnits='userSpaceOnUse' patternTransform='scale(13.25) translate(-924.53 -693.4)'%3E%3Cg
fill='%23F60'%3E%3Cuse href='%23s' x='11' y='8'%3E%3Cuse href='%23s' x='51' y='13'%3E%3Cuse
href='%23s' x='17' y='73'%3E%3Cuse href='%23s' x='99'
y='57'%3E%3C/g%3E%3C/pattern%3E%3C/defs%3E%3Crect fill='url(%23a)' width='100%25'
height='100%25'%3E%3Crect fill='url(%23b)' width='100%25' height='100%25'%3E%3Crect
fill='url(%23h)' width='100%25' height='100%25'%3E%3Crect fill='url(%23c)' width='100%25'
height='100%25'%3E%3Crect fill='url(%23d)' width='100%25' height='100%25'%3E%3Crect
fill='url(%23e)' width='100%25' height='100%25'%3E%3Crect fill='url(%23f)' width='100%25'
height='100%25'%3E%3Crect fill='url(%23g)' width='100%25' height='100%25'%3E%3C/svg%3E");
background-attachment: fixed;
background-size: cover;
font-family: Roboto, Raleway;
}

```

```

#main {
background-color: #ffffff;
margin: 100px auto;
min-width: 300px;
border-radius: 5px;
padding-top: 1%;
padding-bottom: 3%;
}

```

```

h1 {
text-align: center;
font-weight: 380;
}

```

```

h2 {

```

```
font-weight: 300;
}
```

```
h3 {
  font-weight: 300;
  text-align: left;
  margin-left: 15%;
}
```

```
input {
  padding: 10px;
  width: 70%;
  font-size: 17px;
  font-family: Raleway;
  border: 1px solid #aaaaaa;
}
```

```
/* input boxes validation */
input.invalid {
  background-color: #ffdddd;
}
```

```
#gradient-border {
  --borderWidth: 5px;
  position: relative;
  border-radius: var(--borderWidth);
  margin-left: 30%;
  margin-right: 30%;
}
```

```
#gradient-border:after {
  content: "";
  position: absolute;
  top: calc(-1 * var(--borderWidth));
  left: calc(-1 * var(--borderWidth));
  height: calc(100% + var(--borderWidth) * 2);
  width: calc(100% + var(--borderWidth) * 2);
  background: linear-gradient(60deg, #f79533, #f37055, #ef4e7b, #a166ab, #5073b8, #1098ad, #07b39b, #6fba82);
  border-radius: calc(2 * var(--borderWidth));
  z-index: -1;
  animation: animatedgradient 8s ease alternate infinite;
  background-size: 300% 300%;
}
```

```
@keyframes animatedgradient {
  0% {
    background-position: 0% 50%;
  }

  50% {
    background-position: 100% 50%;
  }
}
```

```
100% {  
    background-position: 0% 50%;  
}  
}
```

```
/* Hide all steps by default */  
.tab {  
    display: none;  
}
```

```
button {  
    background-color: #a166ab;  
    color: #ffffff;  
    border: none;  
    padding: 10px 20px;  
    font-size: 17px;  
    font-family: Raleway;  
    cursor: pointer;  
    float: left;  
}
```

```
#button{  
    background-color: #07b39b;  
    color: #ffffff;  
    border: none;  
    padding: 10px 20px;  
    font-size: 17px;  
    font-family: Raleway;  
    cursor: pointer;  
}
```

```
button:hover {  
    opacity: 0.8;  
}
```

```
#prevBtn {  
    background-color: #bbbbbb;  
    margin-left: 15%;  
    float: left;  
}
```

```
#nextBtn {  
    margin-right: 15%;  
    float: right;  
}
```

```
/* circles that indicate the steps */  
.step {  
    height: 15px;  
    width: 15px;  
    margin: 0 2px;  
    background-color: #ef4e7b;
```

```

border: none;
border-radius: 50%;
display: inline-block;
opacity: 0.5;
}

.step.active {
    opacity: 1;
}

.step.finish {
    background-color: #f37055;
}

```

Processing for Sign-Up

```

<?php
$servername = "localhost";
$dbname = "csia";
$username = "root";
$password = "";

// Create connection

$conn = mysqli_connect($servername, $username, $password, $dbname);
$signup = FALSE;
// Check connection

if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

//Defining the variables

$email = $_GET['email'];
$username = $_GET['username'];
$password = $_GET['password'];
$password_hashed = md5($password);
$first_name = $_GET['first_name'];
$last_name = $_GET['last_name'];
$address = $_GET['address'];
$country = $_GET['country'];
$city = $_GET['city'];
$state = $_GET['state'];
$phone_number = $_GET['phone_number'];

//Optional part

if (isset($_POST['submit'])){
    $email = $_POST['email'];
    $username = $_POST['username'];
    $password = $_POST['password'];
}

```

```

$password_hashed = md5($password);
$first_name = $_POST['first_name'];
$last_name = $_POST['last_name'];
$address = $_POST['address'];
$country = $_POST['country'];
$city = $_POST['city'];
$state = $_POST['state'];
$phone_number = $_POST['phone_number'];
}

$sql = "insert into customers (email, username, password, first_name, last_name, address, country, city,
state, phone_number) values ('$email', '$username', '$password_hashed', '$first_name', '$last_name',
'$address', '$country', '$city', '$state', '$phone_number')";
if (mysqli_query($conn, $sql)) {
    echo "Successfully Inserted";
    $signup = TRUE;
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

mysqli_close($conn);

?>

```

Processing for Login

<?php

```

$con = mysqli_connect("localhost", "root", "") or die ("Failed to connect to MySQL: " . mysqli_error());
$db = mysqli_select_db($con, 'csia') or die ("Failed to connect to MySQL Database: " . mysqli_error());

function SignIn()
{
    session_start(); //Starting the session for user profile page

    if (!empty($_POST['username'])) {
        GLOBAL $con;
        $query = mysqli_query($con, "SELECT * FROM customers where username = '$_POST[username]'
AND password = '$_POST[password]'") or die(mysqli_error($con));

        $row = mysqli_fetch_array($query) or die("Sorry you entered the wrong credentials, please <a style =
color: black; href=logIn.php>click here</a> to go back!;" . mysqli_error($con));

        if (!empty($row['username']) AND !empty($row['password']))
        {
            $_SESSION['username'] = $row['password'];
            header("Location: redirect.html");
        }
    }
}

```

```

        exit();
    }
}
}
if (isset($_POST['submit'])) {
    SignIn();
}

?>

```

JavaScript For Sign-Up

```

var currentTab = 0;
showTab(currentTab);

function showTab(n) {
    // display the specified tab of the form
    var x = document.getElementsByClassName("tab");
    x[n].style.display = "block";
    // fixes previous + next buttons
    if (n == 0) {
        document.getElementById("prevBtn").style.display = "none";
    } else {
        document.getElementById("prevBtn").style.display = "inline";
    }
    if (n == (x.length - 1)) {
        document.getElementById("nextBtn").innerHTML = "Submit";
    } else {
        document.getElementById("nextBtn").innerHTML = "Next";
    }
    // will display the correct step indicator
    fixStepIndicator(n)
}

function nextPrev(n) {
    // figures out which tab to display
    var x = document.getElementsByClassName("tab");
    // exits the function if any field in the current tab is invalid
    if (n == 1 && !validateForm()) return false;
    // hide the current tab
    x[currentTab].style.display = "none";

    currentTab = currentTab + n;
    // submission at the end of the form
    if (currentTab >= x.length) {
        document.getElementById("regForm").submit();
        return false;
    }
    // breaks without this, forgot why
    showTab(currentTab);
}

```

```

function validateForm() {
    // validation of form fields
    var x, y, i, valid = true;
    x = document.getElementsByClassName("tab");
    y = x[currentTab].getElementsByTagName("input");
    // checks every input field in the current tab
    for (i = 0; i < y.length; i++) {
        // if a field is empty
        if (y[i].value == "") {
            // add an "invalid" class to the field
            y[i].className += " invalid";
            // and set the current valid status to false
            valid = false;
        }
    }
    // if the valid status is true, mark the step as finished
    if (valid) {
        document.getElementsByClassName("step")[currentTab].className += " finish";
    }
    return valid;
}

```

```

function fixStepIndicator(n) {
    // removes the "active" class of all steps
    var i, x = document.getElementsByClassName("step");
    for (i = 0; i < x.length; i++) {
        x[i].className = x[i].className.replace(" active", "");
    }
    // adds the "active" class on the current step
    x[n].className += " active";
}

```

Page for Redirecting

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta http-equiv="refresh" content="3;url=home.php" />
    <title></title>
</head>
<body>
    <h1>sucessful login</h1>
    <h1>You Will be Redirected to the Login Page in 3 Seconds</h1>
    <h1>Please <a href="home.php">Click Here</a> if not automatically redirected within 3 seconds</h1>
</body>
</html>

```