

# Test Case Template

<b>Project:</b>	<b>Provisio</b>
<b>Course:</b>	<b>CSD 460 Capstone</b>
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## TABLE OF CONTENTS

<b>Landing Page Test #1</b> .....	<b>2</b>
<b>Developer Test:</b> .....	<b>3</b>
<b>Landing Page Test #2</b> .....	<b>6</b>
<b>Developer Test</b> .....	<b>7</b>
<b>Login Page Test #1</b> .....	<b>9</b>
<b>Developer Test:</b> .....	<b>10</b>
<b>Login Page Test #2</b> .....	<b>11</b>
<b>Developer Test:</b> .....	<b>12</b>
<b>Registration Page Test #1</b> .....	<b>13</b>
<b>Developer Test:</b> .....	<b>14</b>
<b>Registration Page Test #2</b> .....	<b>16</b>
<b>Developer Test:</b> .....	<b>17</b>

## Test Case Template

Test 1	Landing Page Test #1			
	Test Objective: View and cycle through the images	Developer: Date tested: 2022/9/4	Peer tester: Date tested: <yyyy/mm/dd>	
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Ensure user is on <b>Home</b> page on the Navigation Bar	User should land on the home page of the website	Yes	<yes/no>
2	Click on <b>Right Arrow</b> of the images	Images should switch and cycle to the left	Yes	<yes/no>
3	Click on <b>Left Arrow</b> of the images	Image should switch and cycle to the right	Yes	<yes/no>
Comments	<b>Developer Test:</b> Images cycle through smoothly with CSS features to make the transition from one image to another very pleasant to the eye. The Omaha image is the only image that can be easy read but becomes more difficult with the other two images featuring Denver and Los Angeles. The readability of the featured location may be adjusted accordingly with either a change in the image or a change in the color scheme.			

# Test Case Template

## Developer Test:

The default image without clicking on any of the arrows is the **Omaha** Image



# Test Case Template

- Clicking on the right arrow when on the Omaha image will display the **Denver** Image
- Clicking on the left arrow when on the Denver image will cycle the image back to the Omaha image





# Test Case Template

- Clicking on the right arrow when on the Denver image will display the **Los Angeles** Image
- Clicking on the left arrow when on the Los Angeles image will cycle the image back to the Denver image



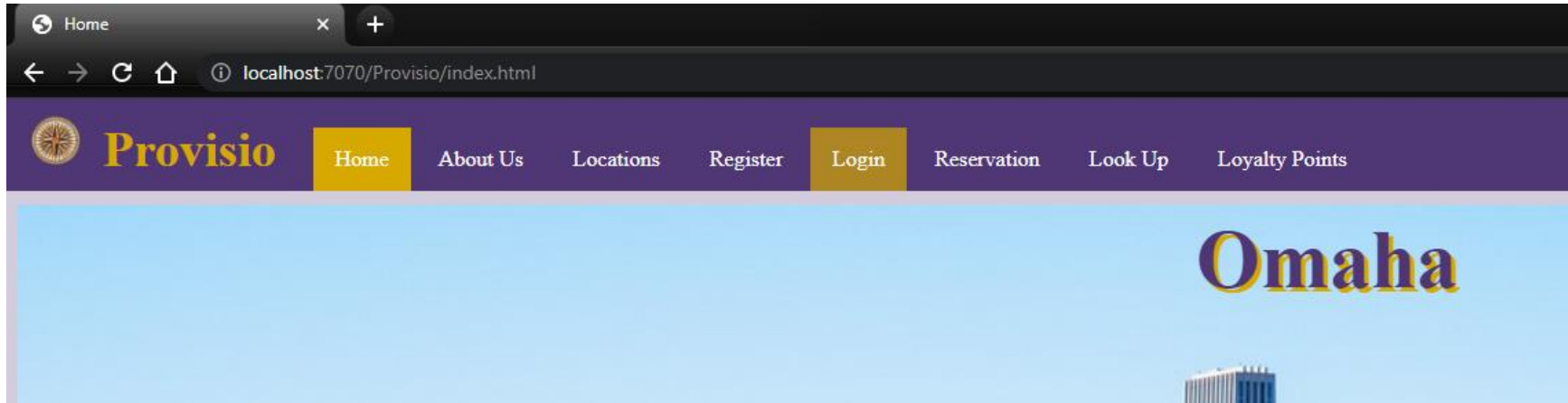
## Test Case Template

Test 2	<b>Landing Page Test #2</b>			
	<b>Test Objective:</b> Check to see if the Navigation Bar is working correctly	<b>Developer:</b> <b>Date tested:</b> 2022/9/4	<b>Peer tester:</b> <b>Date tested:</b> <yyyy/mm/dd>	
<b>Step</b>	<b>Action</b>	<b>Expected results:</b>	<b>Developer pass/fail</b>	<b>Tester pass/fail</b>
1	Ensure user is on <b>Home</b> page on the Navigation Bar	User should land on the home page of the website	<b>Yes</b>	<yes/no>
2	On the <b>Navigation bar</b> , click on <b>Login</b>	User should be redirected to the <b>Login</b> page	<b>Yes</b>	<yes/no>
3	Click the <b>browser</b> back button to navigate back to the Home page	User should be redirected back to the Home page of the site	<b>Yes</b>	<yes/no>
4	On the <b>Navigation bar</b> , click on <b>Register</b>	User should be redirected to the <b>Register</b> page	<b>Yes</b>	<yes/no>
<b>Comments</b>	<b>Developer Test:</b> The navigation bar is working correctly with the index page redirecting to the Login and Register pages that have been created as of this point in the development. The navigation bar also has CSS to it that allows the use to visually see which page it will be directed to with a hover style. Upon landing on the pages of Login and Register from the Home page, the navigation bar's Home page when clicked will also redirect the user back to the Home page.			

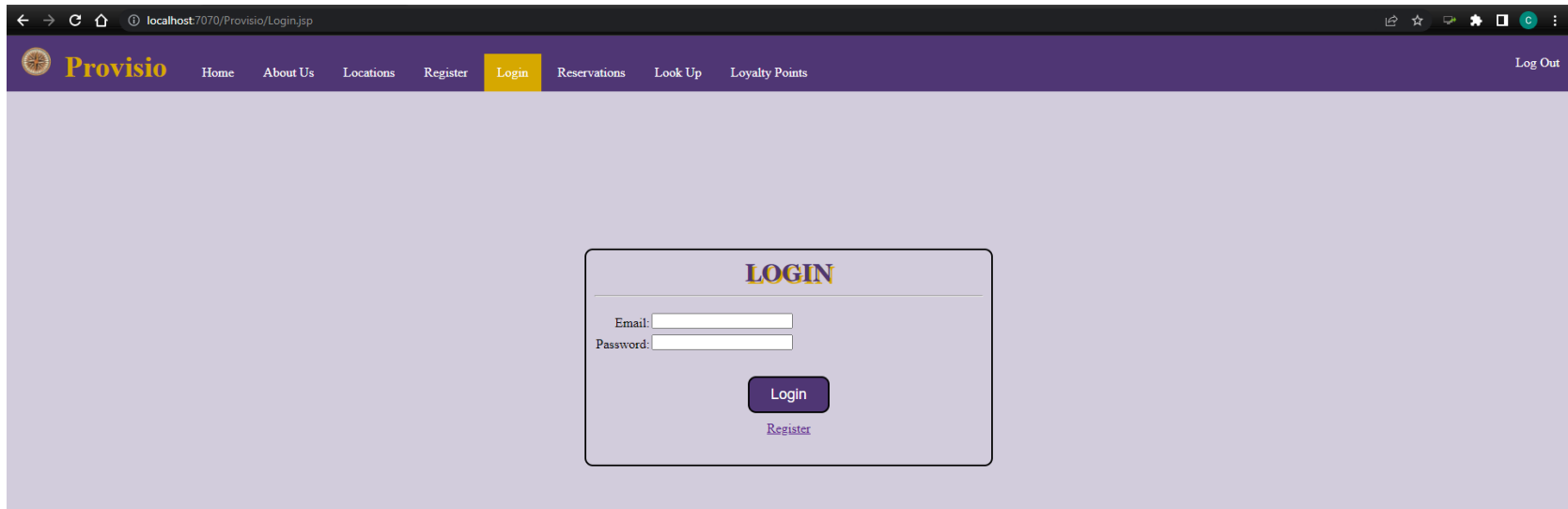
# Test Case Template

## Developer Test

Hovering on the navigation bar's **Login** will highlight it before being clicked

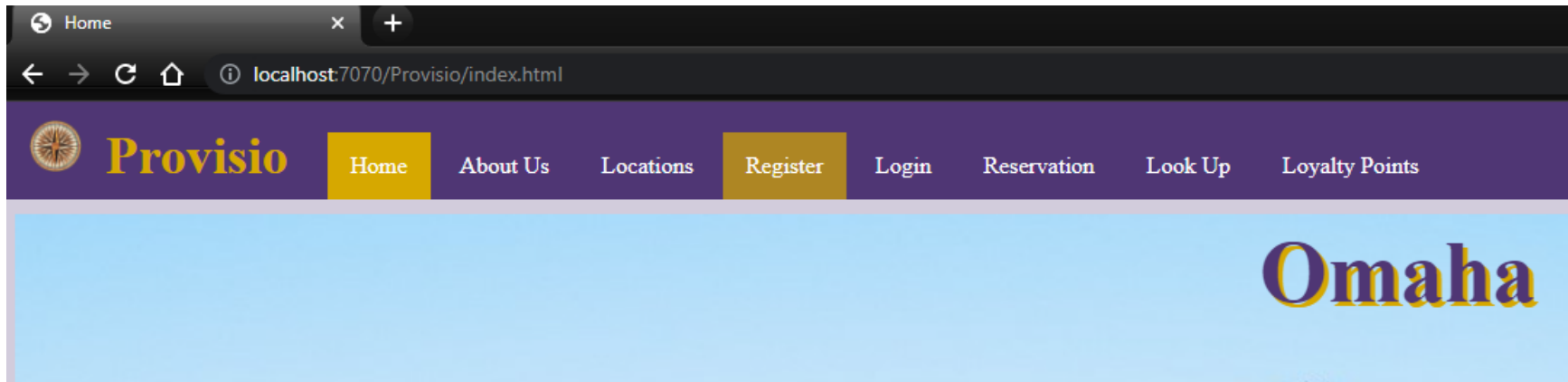


Clicking on the navigation bar's **Login** will direct the user to the **Login** page

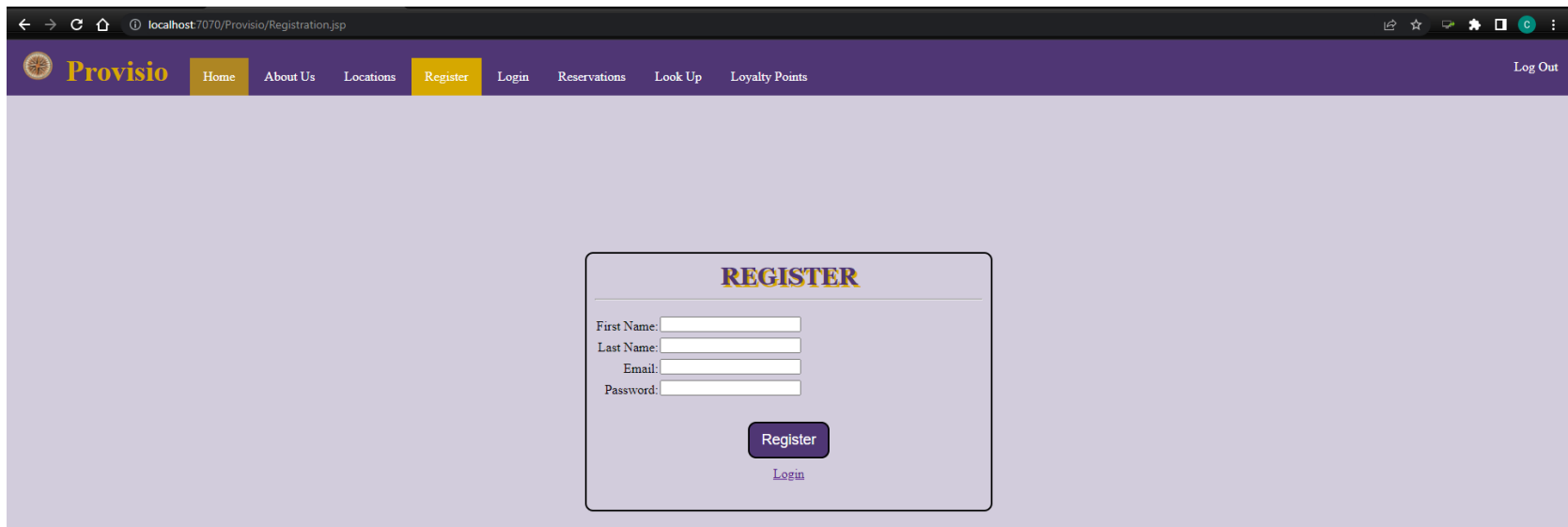


# Test Case Template

Hovering on the navigation bar's **Register** will highlight it before being clicked



Clicking on the navigation bar's **Register** will direct the user to the **Register** page





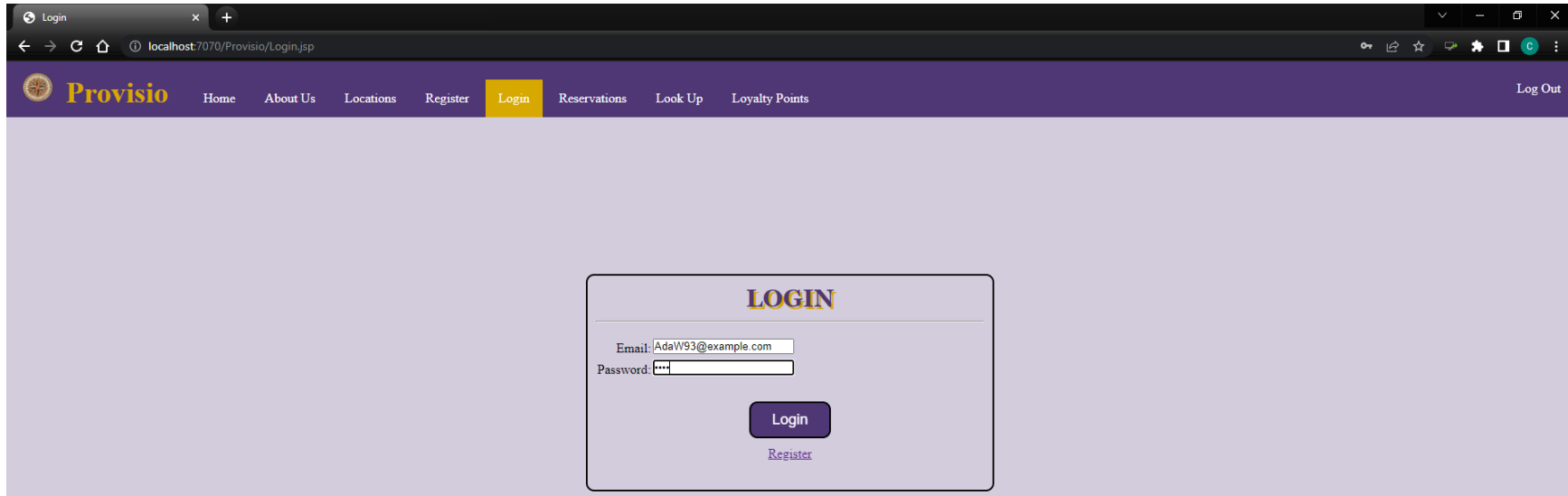
## Test Case Template

Test 3	<b>Login Page Test #1</b>			
	<b>Test Objective:</b> Successfully login with correct username and password	<b>Developer:</b> <b>Date tested:</b> 2022/9/4	<b>Peer tester:</b> <b>Date tested:</b> <yyyy/mm/dd>	
<b>Step</b>	<b>Action</b>	<b>Expected results:</b>	<b>Developer pass/fail</b>	<b>Tester pass/fail</b>
1	Click on the <b>Login</b> page on the Navigation Bar	User should be redirected to the Login page of the website	<b>Yes</b>	<yes/no>
2	Click on the <b>Email textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
3	Type user email " <b>AdaW93@example.com</b> " into the textbox	The user email should be displayed in the textbox	<b>Yes</b>	<yes/no>
4	Click on the <b>Password textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
5	Type the user password " <b>Ada1</b> " into the textbox	The user password should be in inputted to the textbox but encrypted	<b>Yes</b>	<yes/no>
6	Click on the <b>Login</b> button below the username and password	User should login successfully and be redirected	<b>Yes</b>	<yes/no>
<b>Comments</b>	<b>Developer Test:</b> On the top right corner of the website, there is a "Log Out" button that indicates that the user is already logged in before even doing anything. This will need to be fixed to either be the actual Login instead of being in the navigation bar or invisible/disabled before the user logs in. Other than this, the login with the correct credentials allows the user to login with no issues.			

# Test Case Template

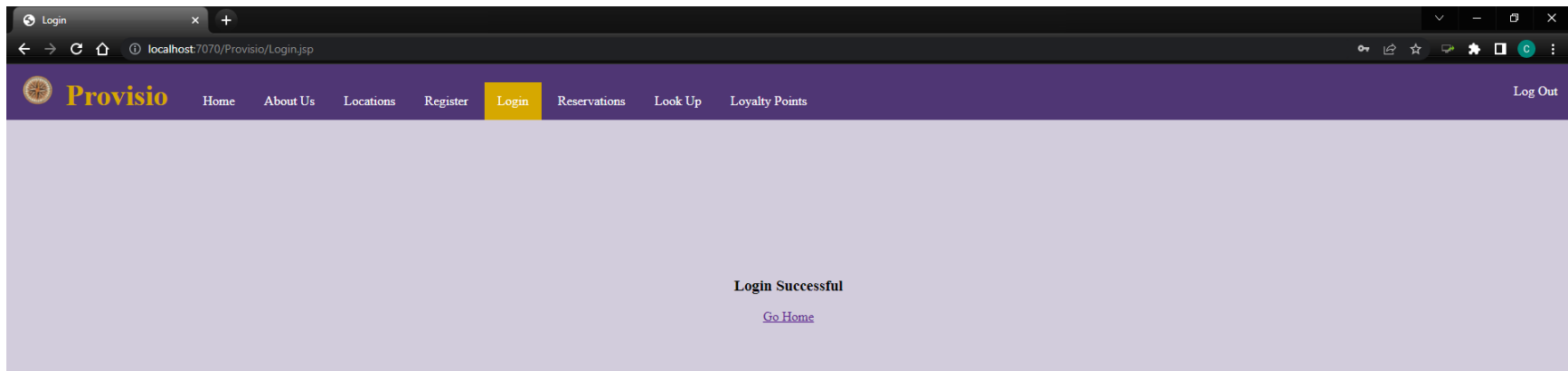
## Developer Test:

Type user's email and password into login textbox



A screenshot of a web browser displaying the login page of a website named "Provisio". The browser's address bar shows "localhost:7070/Provisio/Login.jsp". The website has a purple header with a navigation menu containing links: Home, About Us, Locations, Register, Login (highlighted in yellow), Reservations, Look Up, and Loyalty Points. A "Log Out" link is visible in the top right corner. The main content area is light purple and features a central white box with the title "LOGIN". Inside this box, there are two input fields: "Email:" with the value "AdaW93@example.com" and "Password:" with masked characters. Below the password field is a purple "Login" button and a purple "Register" link.

Upon clicking the **Login Button**, user should be notified that they have logged in successfully



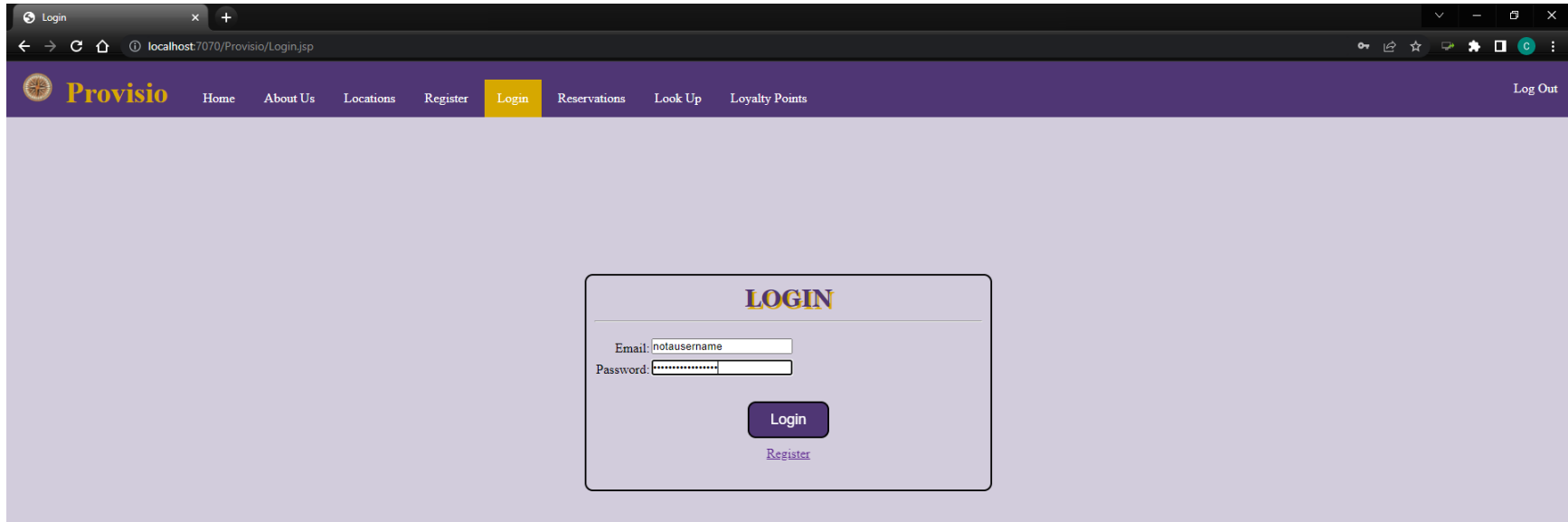
## Test Case Template

Test 4	<b>Login Page Test #2</b>			
	<b>Test Objective:</b> Failure to login with both incorrect username and incorrect password	<b>Developer:</b> <b>Date tested:</b> <yyyy/mm/dd>	<b>Peer tester:</b> <b>Date tested:</b> <yyyy/mm/dd>	
<b>Step</b>	<b>Action</b>	<b>Expected results:</b>	<b>Developer pass/fail</b>	<b>Tester pass/fail</b>
1	Click on the <b>Login</b> page on the Navigation Bar	User should be redirected to the Login page of the website	<b>Yes</b>	<yes/no>
2	Click on the <b>Email textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
3	Type user email " <b>notausername</b> " into the textbox	The user email should be displayed in the textbox	<b>Yes</b>	<yes/no>
4	Click on the <b>Password textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
5	Type the user password " <b>incorrectpassword</b> " into the textbox	The user password should be inputted to the textbox but encrypted	<b>Yes</b>	<yes/no>
6	Click on the <b>Login</b> button below the username and password	Login should fail with notification to the user stating that the email or password was incorrect	<b>Yes</b>	<yes/no>
<b>Comments</b>	<b>Developer Test:</b> Entering incorrect email and password into the textbox works as intended. Clicking on the login button notifies the user that there is an error of the user either entering the incorrect username or password. One thing that may need to be addressed for consistency would be for the Login page is the use of either an email or username. In the database, it states email being the email and not a username. This is something that will need to be addressed. As stated in a previous test, the "Log Out" should be addressed to either be disabled while the user has not logged in.			

# Test Case Template

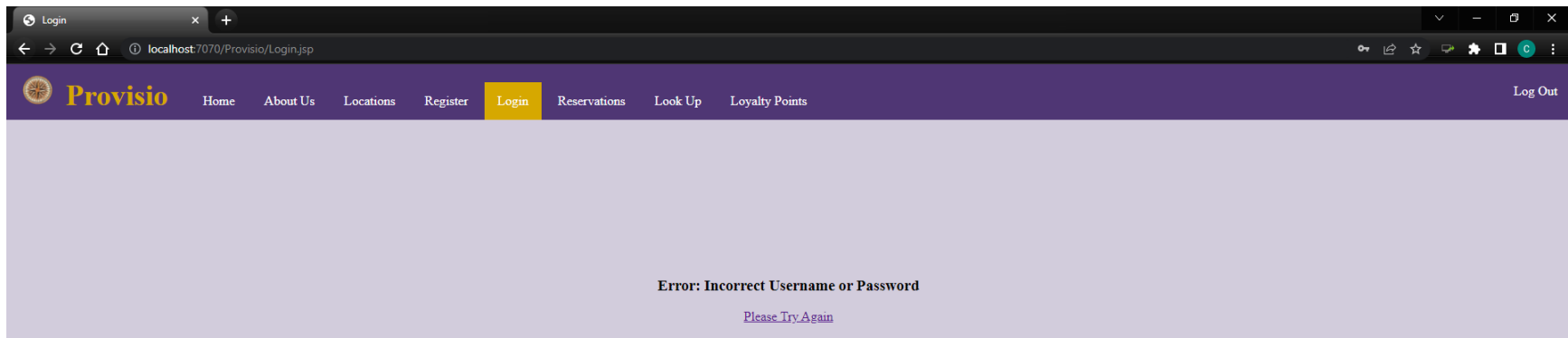
## Developer Test:

Entering both incorrect username and password into the login textbox



A screenshot of a web browser showing the login page of a website named 'Provisio'. The browser's address bar shows 'localhost:7070/Provisio/Login.jsp'. The website has a purple header with a navigation menu: Home, About Us, Locations, Register, Login (highlighted in yellow), Reservations, Look Up, and Loyalty Points. A 'Log Out' link is in the top right. The main content area is light purple and contains a white-bordered box with the title 'LOGIN'. Inside this box, there are two input fields: 'Email:' with the text 'notusername' and 'Password:' with masked characters. Below the fields is a purple 'Login' button and a blue 'Register' link.

Upon clicking on the Login Button while entering incorrect credentials of both email and password, the user will be notified that there is an error



A screenshot of the same Provisio login page, but after an attempt to log in with incorrect credentials. The 'Email' and 'Password' fields now contain asterisks, indicating they have been cleared. Below the fields, a red error message is displayed: 'Error: Incorrect Username or Password'. Below the error message is a blue link that says 'Please Try Again'.

## Test Case Template

Test 5	<b>Registration Page Test #1</b>			
	<b>Test Objective:</b> Successfully register to the site with the correct information	<b>Developer:</b> <b>Date tested:</b> 2022/9/4	<b>Peer tester:</b> <b>Date tested:</b> <yyyy/mm/dd>	
<b>Step</b>	<b>Action</b>	<b>Expected results:</b>	<b>Developer pass/fail</b>	<b>Tester pass/fail</b>
1	Click on the <b>Register</b> page on the Navigation Bar	User should be redirected to the <b>Register</b> page of the website	<b>Yes</b>	<yes/no>
2	Click on the <b>First Name textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
3	Enter your <b>First Name</b> into the textbox (Cannot be empty)	User's <b>First Name</b> should appear in the textbox	<b>Yes</b>	<yes/no>
4	Click on the <b>Last Name textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
5	Enter your <b>Last Name</b> into the textbox (Cannot be empty)	User's <b>Last Name</b> should appear in the textbox	<b>Yes</b>	<yes/no>
6	Click on the <b>Email textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
7	Enter an <b>Email</b> into the textbox (Cannot be empty)	User's <b>Email</b> should appear in the textbox	<b>Yes</b>	<yes/no>
8	Click on the <b>Password textbox</b>	Text cursor should appear in textbox	<b>Yes</b>	<yes/no>
9	Enter a <b>Password</b> into the textbox (Cannot be empty)	User's <b>Password</b> should appear in the textbox as encrypted	<b>Yes</b>	<yes/no>
10	Click on the <b>Register Button</b>	User registration should be successful and informed that account was created	<b>Yes</b>	<yes/no>

# Test Case Template

Comments	<p><b>Developer Test:</b></p> <p>Registering with all required credentials went successfully with no issues. All backend code works correctly with all information being written to the database upon clicking the register button. Not entirely sure if the user should be required to login after they have registered. This is something that should be addressed for the website as sometimes registering does not require the user to login afterwards. I was able to login using the email and password that I used successfully.</p> <p>As stated in a previous test, the “Log Out” should be addressed to either be disabled while the user has not logged in.</p>
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## Developer Test:

Entered credentials to for registering into the website

Register

localhost:7070/Provisio/Registration.jsp

Provisio

Home About Us Locations Register Login Reservations Look Up Loyalty Points

Log Out

**REGISTER**

First Name: Chee

Last Name: Her

Email: cheher@my365.bellevue.edu

Password: \*\*\*\*\*

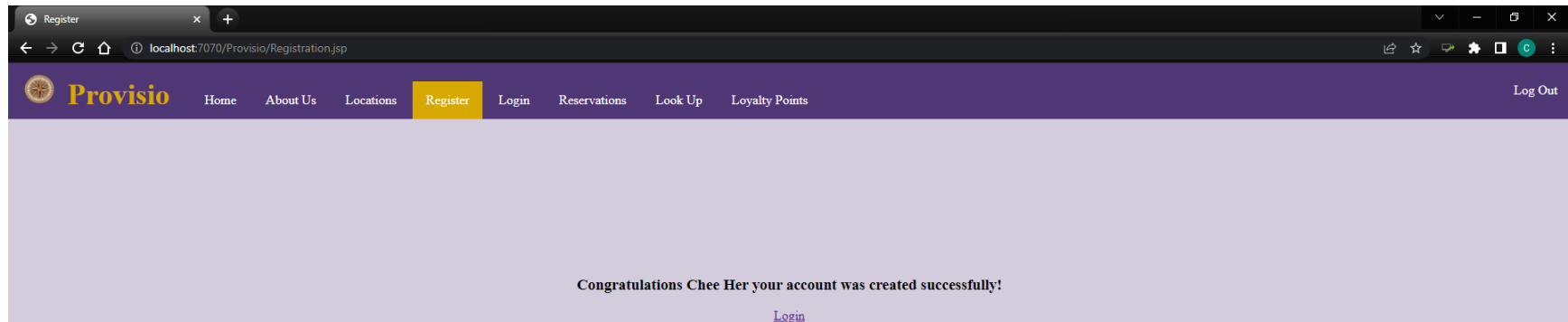
Register

Login



# Test Case Template

Entering new credentials into the website allows for the user to be registered



MySQL User table before registering

	Email	Password	FirstName	LastName	LoyaltyPoints
▶	AdaW93@example.com	Ada1	Ada	Wilson	0
	JamieS87@example.com	Jamie1	Jamie	Smith	0
	JohnnyW01@example.com	Johnny1	Johnny	Wanderer	0
*	NULL	NULL	NULL	NULL	NULL

MySQL User table after registering. Showing new user

	Email	Password	FirstName	LastName	LoyaltyPoints
▶	AdaW93@example.com	Ada1	Ada	Wilson	0
	cheher@my365.bellevue.edu	cheher	Chee	Her	0
	JamieS87@example.com	Jamie1	Jamie	Smith	0
	JohnnyW01@example.com	Johnny1	Johnny	Wanderer	0
*	NULL	NULL	NULL	NULL	NULL

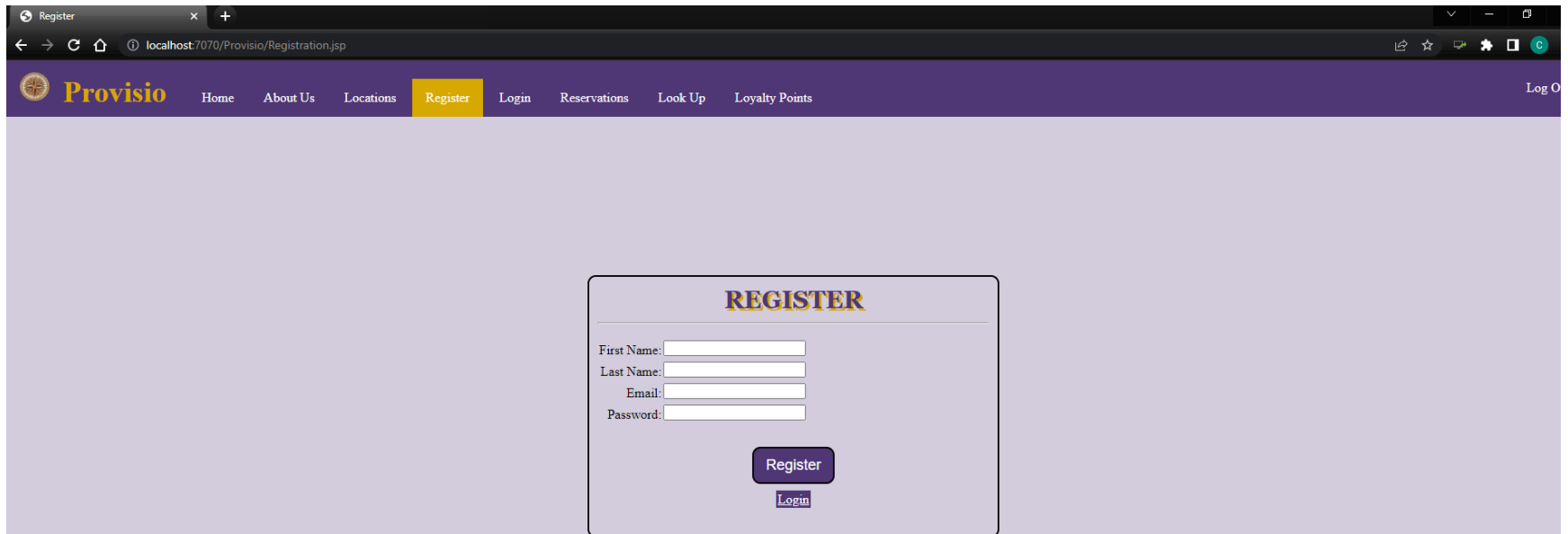
## Test Case Template

Test 6	<b>Registration Page Test #2</b>			
	<b>Test Objective:</b> User does not need to register because they already have an account and should therefore click on the <b>Login button</b> below the <b>Register button</b>	<b>Developer:</b> <b>Date tested:</b> 2022/9/4	<b>Peer tester:</b> <b>Date tested:</b> <yyyy/mm/dd>	
<b>Step</b>	<b>Action</b>	<b>Expected results:</b>	<b>Developer pass/fail</b>	<b>Tester pass/fail</b>
1	Click on the <b>Register</b> page on the Navigation Bar	User should be redirected to the <b>Register</b> page of the website	<b>Yes</b>	<yes/no>
2	Click on the <b>Login</b> button below the <b>Register button</b>	User should be redirected to the <b>Login</b> page	<b>Yes</b>	<yes/no>
<b>Comments</b>	<b>Developer Test:</b> <p>Instead of just having just the Login link below the Register button, it should also state something like “Already have an account? Sign In” with the “Sign In” still being a link to the Login Page. Although still in the early stages of development, styles will need to be adjusted for the Register page for the textbox length as to not have so much white space.</p> <p>As stated in a previous test, the “Log Out” should be addressed to either be disabled while the user has not logged in.</p>			

# Test Case Template

## Developer Test:

Hovering over the Login link below the Register button will highlight it



The screenshot shows a web browser window with the address bar displaying 'localhost:7070/Provisio/Registration.jsp'. The page features a purple navigation bar with the 'Provisio' logo and links for Home, About Us, Locations, Register (highlighted in yellow), Login, Reservations, Look Up, and Loyalty Points. A 'Log O' link is also visible on the right. The main content area is light purple and contains a central registration form titled 'REGISTER' in bold, yellow, serif font. The form includes four input fields: 'First Name:', 'Last Name:', 'Email:', and 'Password:'. Below these fields are two buttons: a purple 'Register' button and a smaller, underlined 'Login' link.

# Test Case Template

Clicking on the Login link should redirect user to the Login page

