

Task 2: Test log

Test No.	Description of test	Test data to be used (if required)	Expected outcome	Actual outcome	Comments and intended actions
001	Testing if the website runs and loads into the home page. (Normal Test)	N/A	The website should load and launch into the index (home) page.	The website launches as intended and no errors were identified. See Screenshot 1	N/A
002	Testing if the login button on the home page functions as intended.	N/A	A redirect to the login.html page should occur	The redirect occurs as intended; no errors were picked up. See Screenshot 2	N/A
003	Testing input into the email field of the login page. (Normal Test)	john@health.com	No error messages should display, and the website should allow the entry.	The email field accepts the input and allows the user to move to the password entry. See Screenshot 3.	N/A
004	Testing an invalid input into the email field of the login page. (Erroneous test)	johnHeath	Validation rules should alert the user that their email must contain an '@' symbol and have a domain to continue.	The website aloud the user to enter the invalid email address, as seen in Screenshot 4, it displayed no error message at all.	This seems to be a validation error, as validation for the email field should mean that an '@' symbol must be present to continue, however the website is allowing without it.

					<p>To overcome this, I will check the HTML form and the input type for this field.</p> <p>As seen in screenshot 5 a potential cause of the problem has been found within the 'type' of the user entry. I will change this 'type' to email (Screenshot 6) and re-test the website.</p>
005	Retest - Testing an invalid input into the email field of the login page. (Erroneous test)	JohnHeath	Validation rules should alert the user that their email must contain an '@' symbol and have a domain to continue.	After fixing the issue in the previous test, the validation is now correctly working and highlights that there is no '@' symbol in the email, as it should be doing. See Screenshot 7.	RESOLVED – N/A
006	Checking security integrity of the page by making sure that the user's password is starred out when	Pass123	The password entered should be starred out, and not visible to the user	Password field is working correctly, and the security rules have starred out the password as it should	N/A

	entering on the login page. (Normal Test)			be. See screenshot 8	
007	Testing to see if when the login form is completed, and login button is pressed the action of the page is correct or not. (Normal Test)	Email – John@health.com Password – uiiillli	When the following test data (which is valid and already registered) is entered then the page should redirect the user to the accounts home page.	There is an error shown as seen in screenshot 9 which doesn't allow the user to be redirected to accounts page.	As the error message in screenshot 8 indicates there seems to be an issue with the file path of where the redirect is going too. After checking through the JSP code I have found out that the file path for the redirect on successful login was incorrectly defined as seen in Screenshot 10. This file path was then corrected to redirect to the users account homepage, you can see the changes in the code on Screenshot 11.

					This will now be retested to see if this fix has worked.
008	Retest - Testing to see if when the login form is completed, and login button is pressed the action of the page is correct or not. (Normal Test)	Email – John@health.com Password – uiiilili	When the following test data (which is valid and already registered) is entered then the page should redirect the user to the accounts home page.	The login form redirects the user to the account home page, from which they can success HAG's services, as seen in screenshot 12.	RESOLVED - N/A
009	Testing by entering valid data into login form but of which the data is no registered in the database yet. (Erroneous test)	Email – Alex@health.com Password – Alex123	When the test data is entered, the login form should display an error message that states the entered details are incorrect and ask the user to re-enter these.	The validation works correctly by redirecting the user to a message stating that the login is invalid and allowing them retry. As seen in screenshot 13.	
010	Testing the registration page password creation field for a password that is under the specified length which is 8 characters (Extreme testing)	Password - 123	Upon entry of the test data the field should show an error message as the password requirements aren't met in this specific test data.	The fields validation functions as it should and shows the user an appropriate error message as shown in screenshot 14.	N/A

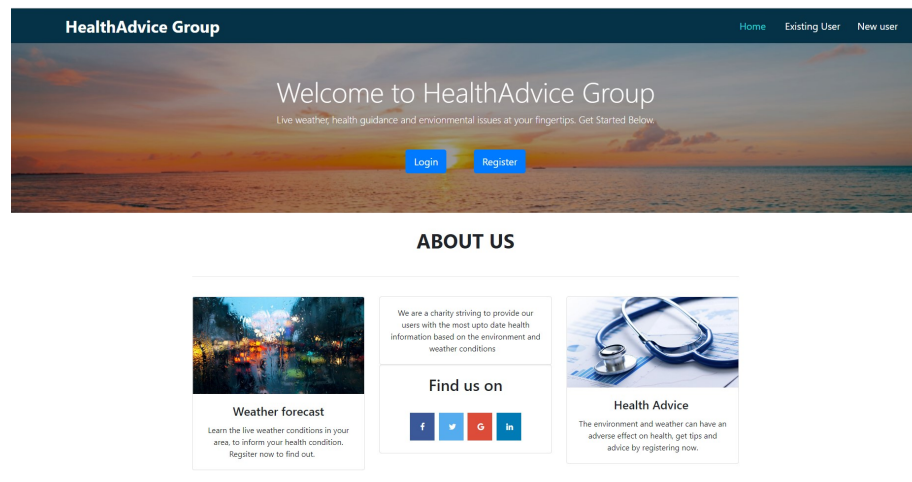
011	Testing the register page password creation page to see if accepts passwords which meet the length requirements (Extreme testing)	Password – Hello123	The field should accept this password without an error message as it meets the minimum 8-character validation.	The validation works correctly, by allowing the input of this password without showing any errors. Screenshot 19	n/a
012	Testing the rest of the register page as well as checking if when passwords match that the user is shown a success message. (Normal testing)	First name – aaa Last name – bbb Dob – 12/03/23 Email – john@health.com Password – hello123 Confirm_pass – hello123	If both password match and all fields are filled, as they do in this test data, a successful registration message should appear along with a redirect to the login page.	There is an issue here, as once registered the user isn't shown any message and is taken straight back to the home page. As seen in screenshot 15.	This most likely is an issue within the PHP file used to process the users registration, so I will check this. Upon checking the PHP file there seems to be a mistake on the code to redirect to the success login message and login screen, this is seen in screenshot 16. The complete file path for the page to redirect to seems to be missing here, this was added in as seen in screenshot 17 and

					will now be retested.
012	Retest - Testing the register page as well as checking if when passwords match that the user is shown a success message. (normal testing)	First name – aaa Last name – bbb Dob – 12/03/23 Email – john@health.com Password – hello123 Confirm_pass – hello123	If both password match and all fields are filled, as they do in this test data, a successful registration message should appear along with a redirect to the login page.	After fixing the error in the test above and now retesting the page now functions correctly and shows the user the success message as well as redirecting them to the login page. As seen in screenshot 18.	Resolved – Not needed
013	Testing the live weather forecast with a user inputting a place name (Normal test)	Location: Manchester	There should be no error upon entering the location as the location is a valid place.	The code functions as it should, there is no errors shown here as seen in screenshot 20.	Not needed
014	Testing the live weather forecast with a user inputting a non-existent place name (Erroneous test)	Location - jhjh	The user should be displayed with an error message stating their location name is invalid.	The system picks up that the location is invalid and shows the user an appropriate error message. Screenshot 21.	Not needed

015	Does the website run in 2 different browsers (edge,chrome) (normal test)	n/a	The website should run and be lay out the same on both browsers for compatibility.	Runs as expected, screenshot 22,23	
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Add more rows and tables as required.

Screenshot 1:



Screenshot 2:

HealthAdvice Group

[Home](#)[Existing User](#)[New user](#)

Please Login Below

If you have forgot your password, press the button below to request a reset or if your a new user register

Contact Us

Register

Email

john@health.com

Password

Login

H.A.G

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Screenshot 3:
Email

john@health.com

Screenshit 4:
Email

JohnHeath

Screenshot 5:

Screenshot 9:

HTTP Status 404 – Not Found

Type Status Report

Message The requested resource [/HAG/.html] is not available

Description The origin server did not find a current representation for the target resource or is not willing to disclose that one exists.

Apache Tomcat/10.0.6

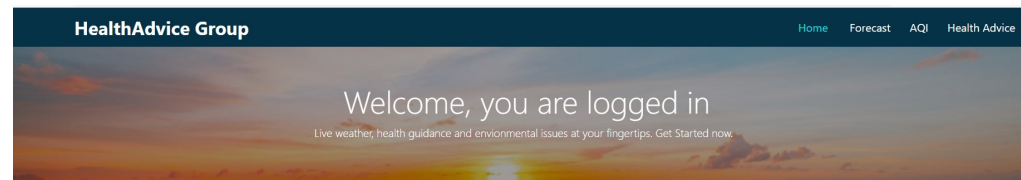
Screenshot 10:

```
if (verified == true){  
    response.sendRedirect(".html");  
}
```

Screenshot 11:

```
if (verified == true){  
    response.sendRedirect("logged_in_home.html");  
}
```

Screenshot 12:



Screenshot 13:

Incorrect Login details entered, try again

Email

john@health.com

Password

Login

Screenshot 14:

Create Password - Between 8-12 charecters

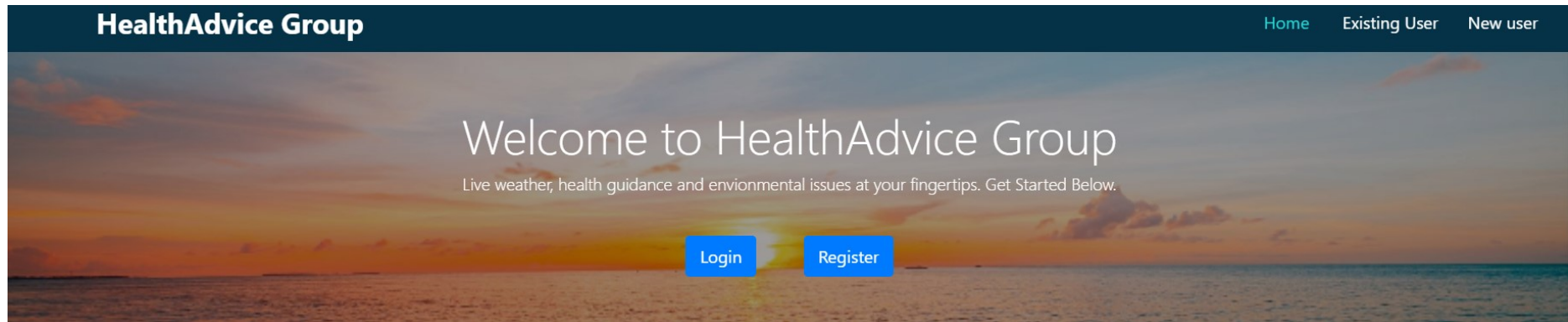
...



Please lengthen this text to 8 characters or more (you are currently using 3 characters).

Confirm Password - Must match

Screenshot 15:



Screenshot 16:

```
header("Location: http://localhost:8080/HAG/V1.3/"); //
```

Screenshot 17:

```
header("Location: http://localhost:8080/HAG/V1.3/afterregister.html");  
$stmt->close(); //Closes SQL
```

Screenshot 18:

Succesfully registered, please login

Email

john@health.com

Password

Login

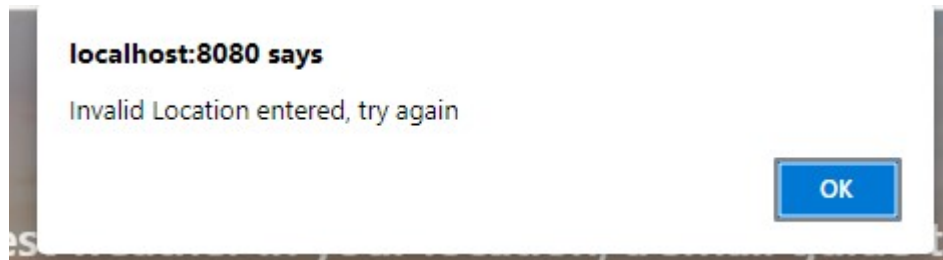
Screenshot 19:

Password

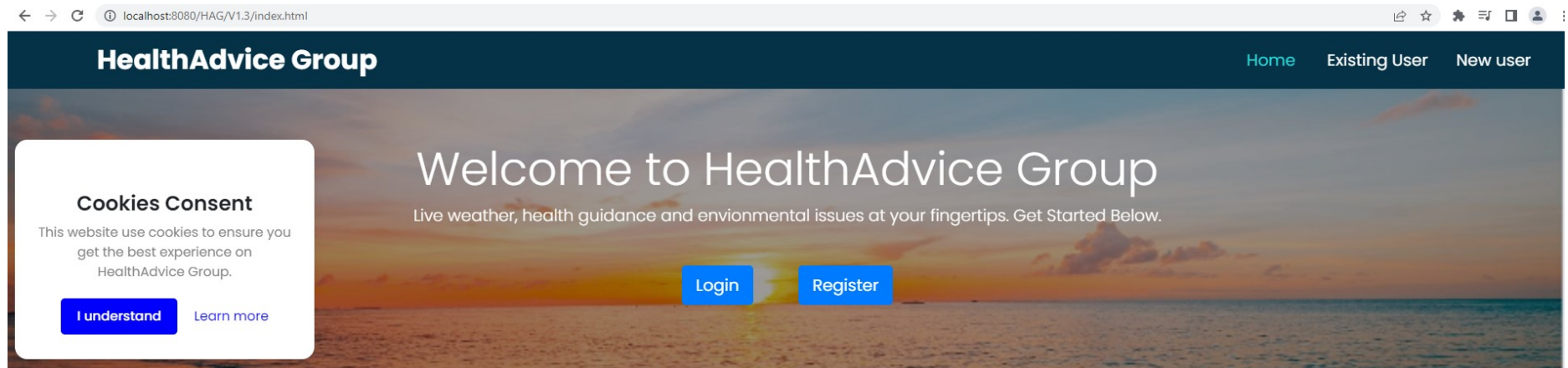
Screenshot 20:



Screenshot 21:



Screenshot 22 (chrome)



ABOUT US

Screenshot 23 (edge)

