## Testing Website & Database

### Signup

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Type | Test Data | Expected Outcome | Actual Outcome | Pass/Fail |
| 1 | Valid | Email= test@test.com | Valid | Valid | Pass |
| 2 | Valid | Email= [test@test.co.uk](mailto:test@test.co.uk) | Valid | Valid | Pass |
| 3 | Valid | Email=12345678@student.uwl.ac.uk | Valid | Valid | Pass |
| 4 | Invalid | Email=test@test | Invalid | Invalid | Pass |
| 5 | invalid | Email=@.com | Invalid | Invalid | Pass |
| 6 | Null value | Email= | Invalid | Invalid | Pass |
| 7 | Existing Data | Email=test@test.com | Notify user | User is Notified | Pass |
| 8 | Uppercase Emal | Email=TEST@test.com | Invalid  Existing email | User is notified | Pass |

### Reasons

1. Validate emails that end with a single period (e.g. .com, .me, .org).
2. Validate emails with two periods (e.g. co.uk, gov.uk).
3. Validate emails with complex domain names. Can have more than two periods.
4. Emails without a top-level domain should not be valid.
5. Emails that don’t have anything before the @ symbol should not be valid.
6. Check If the user has entered anything.
7. Check if an email already exists. User should be notified.
8. The case of the letters should not effect the email. By default all emails are lowercase.

### Login

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Type | Test Data | Expected Outcome | Actual Outcome | Pass/Fail |
| 1 | Invalid | Email=test@test.co.uk  Accepted password = password  Rejected Password = qwertyuiop | Invalid | Invalid | Pass |
| 2 | Invalid | Email=test123@test.com | invalid | invalid | Pass |
| 3 | Valid | [Email=test@test.co.uk](mailto:Email=test@test.co.uk)  Accepted password = password | valid | valid | pass |

### Reasons

1. Validate an email that exists but the password is wrong, User should be notified with a message.
2. Email that does not exist in the database should not be able to login. User should be notified.
3. User should be able to log back in with accepted email and password.

### Links: Navigation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Type | Test Data | Expected Outcome | Actual Outcome | Pass/Fail |
| 1 | Logo/Home to homepage | User input (Click) | Return home | Returned Home | Pass |
| 2 | Products | User input (Click) | Load Products | Loads Products | Pass |
| 3 | Best Sellers | User input (Click) | Load  Best-Sellers | Loads  Best-Sellers | Pass |
| 4 | Products | User input (Hover) | Show list | Shows list | Pass |
| 5 | Deals | User input (Click) | Load Deals | Loads Deals | Pass |
| 6 | Sale | User input (Click) | Loads Sale | Loads Sale | Pass |
| 7 | Contact | User input (Click) | Load Contact | Loads Contact | Pass |
| 8 | Help Center | User input (Click) | Load  Help-Center | Loads Help-Center | Pass |
| 9 | More | User input (Click) | Remain on page | Remains on page | Pass |
| 10 | More | User input (Hover) | Show list | Shows list | Pass |

### Reasons

Click: The user should be able to navigate the website by clicking the links in the navigation. Not all navigation items are clickable.

Hover: Not all content could fit in the navigation. Subcategories can be seen when the user hovers over some of the links in the navigation.

### Contact Page – Logged out

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Type | Test Data | Expect output | Actual output | Pass/Fail |
| 1 | Valid | All fields have data | Valid | Valid | Pass |
| 2 | Invalid | Missing First Name | Invalid | Valid | Fail |
| 3 | Invalid | Missing Last Name | Invalid | Valid | Fail |
| 4 | Invalid | Missing Email | Invalid | Invalid | Pass |
| 5 | Invalid | Missing Subject | Valid | Valid | Pass |
| 6 | Invalid | Missing Message | Invalid | Valid | Fail |
| 7 | Reply to message | Replying to message:  Email=  21352892@student.uwl.ac.uk | Expected an Email | No email was sent | Fail |

### Reasons

1. Validate if all fields can have data sent in the form.
2. First name field should be filled out.
3. Last name field should be filled out.
4. Cannot send form data without an email.
5. Should be able to send form information without a subject, however, user could be prompted for such information.
6. Should not be able to send form data with a blank message field.
7. Did not receive a reply from the wix website.

### Contact Page Logged in

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Test Type | Test Data | Expect output | Actual output | Pass/Fail |
|  | Valid | All fields have data | Valid | Valid | Pass |
|  | Invalid | Missing First Name | Invalid | Valid | Fail |
|  | Invalid | Missing Last Name | Invalid | Valid | Fail |
|  | Invalid | Missing Email | Invalid | Invalid | Pass |
|  | Invalid | Missing Subject | Valid | Valid | Pass |
|  | Invalid | Missing Message | Invalid | Valid | Fail |
| 1 | Valid | Wrong information in form fields  Name entered = Owen Willson  Expected Name = Sam Fisher | Invalid | Valid | Fail |
| 2 | Invalid | Check for profanity (swear words etc.) | Invalid | Valid | Fail |
| 3 | Invalid | Cross site scripting  <script>  /\*some bad js \*/  </scritp> | Invalid | Invalid | Pass |

### Reasons

1. User is able to send data not related to their account.
2. User should not be able to send profanity.
3. Attempts at cross site scripting should be processed in the back end.