# Part (a) Unit Testing

See attached test files in website folder

# Part (b) UI Testing

Guidance:

Our website should guide users with clear instructions and labels, which we have achieved with the likes of clearly labelled web pages on the navigation bar and placeholder text on the registration page so the user knows exactly where to enter their information.

A screenshot of a computer

AI-generated content may be incorrect.

Feedback:

The system responds in accordance to user actions with button clicks redirecting the user to desired web pages. The option to view and buy products on the web page are fully functional and allow for smooth navigation of the website. (more products will be added)

A screenshot of a computer mouse

AI-generated content may be incorrect.

Recoverability:

Users can recover where they left off if they decide to view a product and want to go back. At the bottom of the page there is a button with an option to go back to the products page.

A black background with red text

AI-generated content may be incorrect.

Consistency:

Our website is consistent in how our buttons look and operate. The navigation bar stays in the same position no matter what page you are on with clear buttons designating the several pages, as well as the SCUF logo at the top being clickable and re-directing the user to the home page.

A screenshot of a video game

AI-generated content may be incorrect.

Minimal User Clicks:

From the login page, or if the user is already logged in, it takes 4 or 5 clicks to full navigate the site and purchase a product.

# (c) Validation Testing

See validationTest.php in tests folder in website folder.

# (d) Requirements Testing

Registration page:

* User can enter name, email, password, etc [check]
* Details stored in database [check]
* Password is hashed [check]

Orders page:

* Can place an order [check]
* Stock removed when order is place [check]

Display products:

* Products displayed successfully to web page from database [check]
* Order products fully functional with good design [check]

# Equivalence Partition Testing

|  |  |  |  |
| --- | --- | --- | --- |
|  | Price Testing | Valid or Invalid | E.g |
| Price | Price < 0 | Invalid | -50 |
| Price | Price = 0 | Invalid | 0 |
| Price | Price > 0 | Valid | 50 |

validationTesting.php