

## **ICT286 ASSIGNMENT 2 PROJECT DECLARATION**

**Group Members (full name and student number):**

**Member 1:** Chua Chong Herng, 33896239

**Member 2:** Kerry Koa Guan Ting, 33621513

**Tutor's Name:** Nathanael Ng

**Assignment Due Date:** 20<sup>th</sup> Nov 2020      **Date Submitted:** 25<sup>th</sup> Nov 2020

**The URL of our web application for large screen on ceto server is:**

<http://ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php>

**The URL of our web application for small screen (if applicable) on ceto server is:**

Not applicable.

**Your assignment should meet the following requirements. Please confirm this (by ticking boxes) before submitting your assignment.**

- All details above are completed.
- The archive file (a zip file) contains the file “Assignment2.docx” and “Company.docx” (or Company.pdf”).
- The archive file contains sub-directory named “Server” which contains all files related to the server part of your application.
- The archive file contains sub-directory named “WebClient” which contains the files for the web front end for large screen.
- The archive file contains sub-directory named “MobileClient” which contains the files for the web front end for small screen ~~(if you choose to implement mobile web application)~~
- The archive file contains sub-directory named “Cordova” which contains the Cordova project directory of your Cordova app ~~(if you choose to implement Cordova application)~~
- The documentation was prepared in accordance to Documentation and Submission Requirements specified in Major Assignment 2’s question sheet.
- This archive file will be submitted to ICT286 Unit LMS.
- We have kept a copy of this assignment, including this archive file.
- Our application is hosted on the server ceto.murdoch.edu.au.
- We have signed the Group Declaration in the next page.**

## Group Declaration

As a group assignment, each member of the group is expected to make an equal contribution to the assignment and receives the same mark for the assignment.

However, we recognise that on some occasions and due to various reasons, the actual contributions to the assignment from the two members could be unequal despite the best efforts of each member. In this case, we can still accept your assignment provided that all members of the group reach an agreement on their percentages of contribution to the assignment, and the agreement accurately reflects the real contribution by each member. In such a case, a member's mark is linked to his or her agreed contribution to the assignment and is calculated using the following formula:

$$\text{A member's mark} = \min(\text{group mark} \times \text{the member's percentage of contribution} \times 2, \text{group mark} + 10, 100)$$

On some rare occasions, the two members of the group fail to reach an agreement on their contributions to the assignment. In such a case, in order for your assignment to be marked, each member of the group must complete a detailed *Task Breakdown List* and state his or her own claim of the percentage of contribution to the assignment. Your tutor will then award each member a mark based on his assessment of the quality of the assignment as whole as well as his assessment of that member's contribution to the assignment.

Please complete and sign **one** of the three declarations below:

*We have made **equal** contributions to this assignment. We understand that each of us will receive the same mark for this assignment.*

Signature (member 1): *Chua*

Date: 25<sup>th</sup> Nov 2020

Signature (member 2): *Kemy*

Date: 25<sup>th</sup> Nov 2020

*We have made **unequal** contributions to this assignment. The percentage of contribution by each of us is given below (note the sum of the contributions by the two members must be equal to 100%):*

Member's name: \_\_\_\_\_ Contribution (%): \_\_\_\_\_

Member's name: \_\_\_\_\_ Contribution (%): \_\_\_\_\_

*We understand that each of us will receive a mark for this assignment that is linked to our contributions to the assignment. The mark will be calculated using the following formula:*

$$\text{A member's mark} = \min(\text{group mark} \times \text{the member's percentage of contribution} \times 2, \text{group mark} + 10, 100)$$

Signature (member 1): \_\_\_\_\_ Date: \_\_\_\_\_

Signature (member 2): \_\_\_\_\_ Date: \_\_\_\_\_

*We are unable to reach an agreement on the percentage of our contributions to this assignment. However, in order for our tutor to be able to properly assess the work completed by each of us, each of us has completed a detailed Task Breakdown List which is included in this submission. We will accept our tutor's determination of our contributions to this assignment.*

Signature (member 1): \_\_\_\_\_ Date: \_\_\_\_\_

Signature (member 2): \_\_\_\_\_ Date: \_\_\_\_\_

## Extension Granted

Re: ICT286A Assignment 2 Extension



Hong Xie <H.Xie@murdoch.edu.au>

13/11/2020 9:19 pm



To: Binary Fire

Hi Kerry,

You are granted an extension to the submission deadline of the second assignment by 5 days.

Please include this email in your documentation.

Kind regards,  
Hong

On 13 Nov 2020, at 3:01 pm, Binary Fire <[kerrykgt@hotmail.com](mailto:kerrykgt@hotmail.com)> wrote:

Dear Unit Coordinator,

Can I have a five-day extension for the second assignment? I'd understand if it's not allowed because it's a group assignment, but I thought I'll ask anyway, just in case. My EQAL plan is attached for reference.

Thank you.

Sincerely,  
Kerry Koa Guan Ting  
CT0322977

Sent from [Mail](#) for Windows 10

<EQAL Plan.pdf>

## **Brief Description of the Assignment**

A mobile and/or web application for a fictitious company so that it can conduct its trading over the Internet.

## **Discussion of Our Solution**

Instead of having separate front ends for web and mobile, we decided to instead implement a responsive design, one that adjusts based on screen size. It could use some improvement though, as while it is readable, it is not very aesthetically pleasing. There is also an issue with the mobile navigation bar not fully displaying if the screen is too small.

Our application is designed as a Single Page Application, with all of the content (excluding data that needs to be retrieved from the database, such as product details), being loaded at the beginning. This may make the initial loading take longer, but the advantages are worth it. For instance, less reloading is required as switching between pages only requires changing of views.

Data from the database is sent using JSON. This is because it is easier to use and parse, which results in faster responses. Thus, for instance, users don't have to wait as long for the product page to load.

Overall, we are somewhat satisfied with our decisions. Having a single flexible front end instead of separate front ends makes it easier to update and improve the code. However, we did not have the time to implement most of the staff features, such as adding products, which is mostly where the dissatisfaction is from. This is in addition to feeling that the web aesthetic could use more work.

## Self Diagnosis and Evaluation

### *Functional Requirements - Basic*

<b><i>Basic Information</i></b>		
<b>No.</b>	<b>Description</b>	<b>Fully Met?</b>
1	It contains the basic information about the company.	Yes
2	It has a consistent navigation system for users to move through your application.	Yes
3	It provides an online Help for users - instructions on how to use your application.	Yes
4	It must use HTML5's structural elements to define the overall logical structure of the front end of the application and use CSS to define the visual layout of those structural elements.	Yes
5	You may include video or audio clips in your application if they are deemed necessary, however in such cases, you must keep their sizes to the absolute minimum.	Not Included

<b><i>Search Facility</i></b>		
<b>No.</b>	<b>Description</b>	<b>Fully Met?</b>
1	The raw product/service data must be stored in the MySQL database on the server. They must not be hard coded in the HTML pages or dumped in the server file system. The data should be retrieved dynamically from the database and sent to the client in response to user enquiries. If new data are added to the database, your application should not have to be changed in any way except the contents of the database.	Yes, excluding the adding of new data
2	The search facility must contain code to validate user input to make sure only the valid search query will be sent to the server site for action.	Yes
3	If a required field is found to be empty or containing invalid data, the user should be forced to re-enter the data.	Yes
4	Allow at least two levels of search. The first level of search is by keywords, where an entry is retrieved from the database if the user's search term matches any text in any product-related fields in the entry.	Yes
5	The second level of search is by browsing, where the user can go through different categories of products/services to find what he or she wants.	Yes

## ***Functional Requirements – Advanced***

Type of User	Description	Fully Met?
Unregistered Users	Anyone without authentication is given access to all basic functionalities specified above, including search products/services by keywords and by browsing.	Yes
Registered Customers	A registered customer has an account in the application. He/she needs to be authenticated before access is granted. Once access is granted, he/she can modify his or her personal details such as name, address, phone number and email address. He/she can also submit an order for the company's products or services. After it is validated by the client-side script, this order is sent to the server-side script for processing. The client will then display the confirmation or rejection of the order (perhaps because not enough stock is available). If the order is confirmed, the database should be updated. Please note that anyone can register an account with the application to become a customer of the company without the involvement of the company support staff.	Yes
Support Staff	A support staff member has an account with the application. He/she needs to be authenticated before access is granted. Once access is granted, he/she can access any customer account without using that customer's password. He/she can also modify product/service details in the database, such as adding a new product to the database, removing an existing product from the database, or changing the details of an existing product (e.g., stock level). Please note that a support staff member can create new support staff accounts.	Only the creation of new support staff accounts is implemented
All	The information about the registered customers and support staff must be kept in the database, never hard coded in the application. Adding or removing an account should not change your application code in any way except the contents of the database.	Yes
All	Any registered customer and support staff member should still be able to access the basic information and use the search facility just like any unregistered user, whether they are authenticated or not.	Yes

## ***Technical Requirements***

No.	Description	Fully Met?
1	Use only the following technologies: HTML5, CSS, JavaScript, jQuery, Ajax, Cordova, PHP and MySQL. Do not use any web content management system. Do not use any third-party frameworks or libraries unless you have obtained a prior approval from the Unit Coordinator.	Yes
2	<p>There are three possible front ends (clients) for this application:</p> <ul style="list-style-type: none"> <li>a) a web front end suitable for large screen size;</li> <li>b) a Cordova front end packaged for Android or iOS;</li> <li>c) a mobile web front end suitable for small screen sizes.</li> </ul> <p>As the screen size in (b) and (c) is considerably smaller than (a), the screen layout for Cordova app and mobile web must be redesigned. It is not acceptable to have the same screen layout for both large screen web front end and small screen mobile front ends.</p>	Application uses (a) and (c), but there is only one front end due to the way it is designed
3	The server part of the application must be written in PHP and MySQL. The same code base should serve all three front ends.	Yes
4	Communication between the client and the server must be achieved by using Ajax with the appropriate data exchange formats such plain text, XML and JSON. Your client will need to communicate with the server when it searches for products, changes product details or updates user accounts.	Yes, excluding the changing of product details, since it is not implemented
5	The information on the company's products must all be kept in the database on the server. The information about a particular product can be dynamically retrieved from the database in response to user enquiry and sent to the client for display. Addition, removal and update of product details should in no way change the application code or resource.	Yes, excluding the last statement, since product modification is unavailable
6	The information on customer accounts and staff accounts must all be kept in the database on the server. Adding, removing or updating a user account means changing what are stored in the database, and should in no way change the application code or resources.	Yes
7	<p>For the sake of clear structure and sharing of server code, your client and server code as well as resources are to be stored in the following sub-directories:</p> <ul style="list-style-type: none"> <li>• <i>Server</i>: the server code and resources must be stored under sub-directory <i>Server</i>.</li> <li>• <i>WebClient</i>: the client code and resources for the large screen web front end should be placed under sub-directory <i>WebClient</i>.</li> <li>• <i>MobileClient</i>: the client code and resources for the small screen web front end are placed under sub-directory <i>MobileClient</i>.</li> <li>• <i>Cordova</i>: the client code and resources for the client part of Cordova app (i.e. everything under the Cordova project directory of your Cordova app) are placed under sub-directory <i>Cordova</i> (it shares the same server code and</li> </ul>	Yes

	resources used by the two web front ends).	
8	Except the client part of Cordova code and resources, all the other code and resources of your application must be hosted on the ceto server. There is no need (and no point) to host the Cordova code on ceto server.	Yes
9	You should try to use less number of HTML pages as switching between pages involve retrieving pages from the server and reloading of the pages, sometimes for the previously loaded pages. This is particularly problematic for the mobile devices. Ideally the required code are loaded at the begining and change of the screen display only requires the change of views, without reloading. Where possible, you should aim to design the application as a Single Page Application.	Yes

## **URL of Our Live Web Application and Live Mobile Web Application**

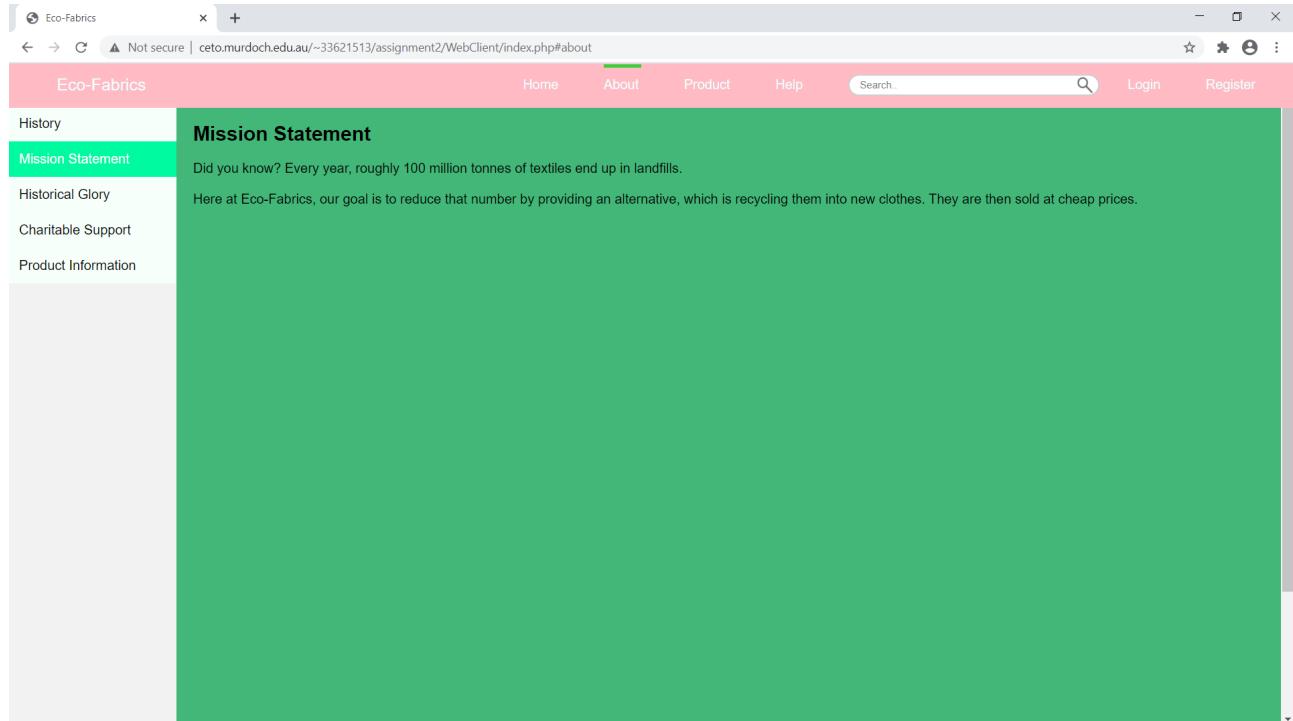
<http://ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php>

# Test Documentation for Our Web Application and Mobile Web Application

## Purpose of the Test

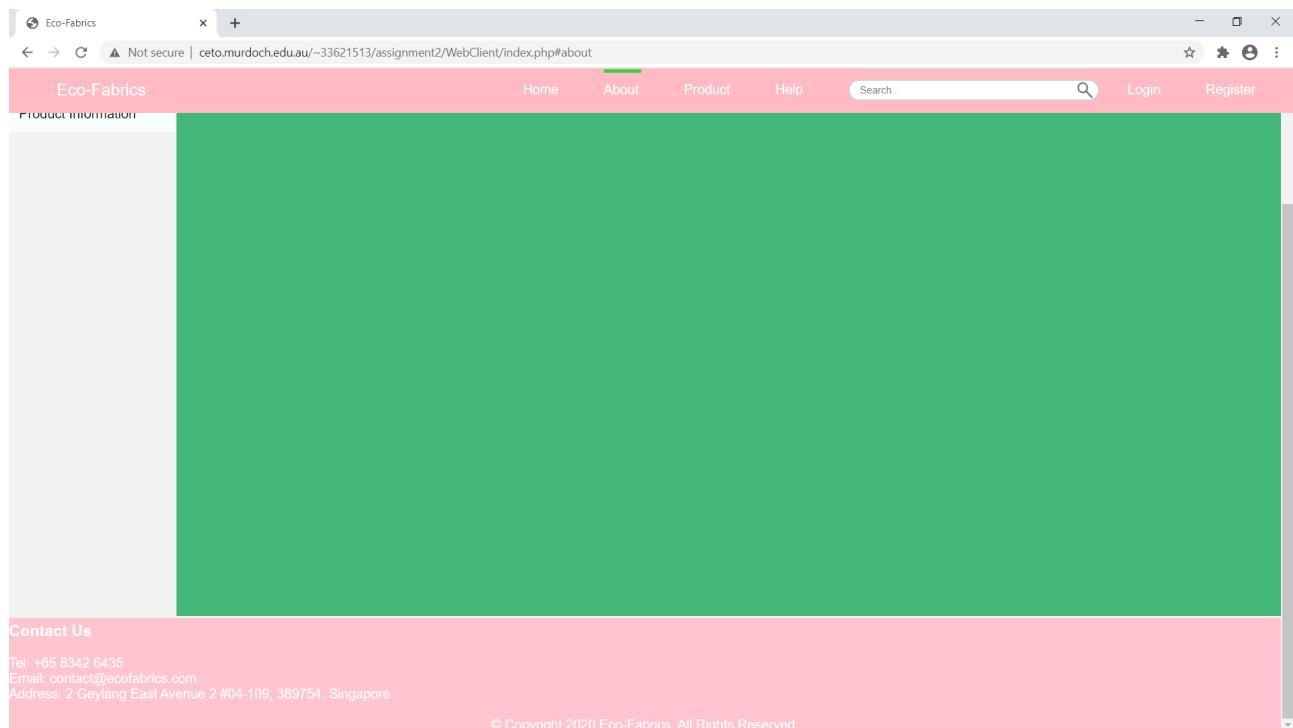
To demonstrate that our application contains the basic information about the company.

## Evidence of the Test



The screenshot shows a web browser window for 'Eco-Fabrics'. The address bar indicates the URL is <http://ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#about>. The page title is 'Eco-Fabrics'. The navigation menu at the top includes 'Home', 'About' (which is underlined in green), 'Product', 'Help', and a search bar. On the left, there is a vertical sidebar with links: 'History', 'Mission Statement' (which is highlighted in green), 'Historical Glory', 'Charitable Support', and 'Product Information'. The main content area is titled 'Mission Statement'. It contains two paragraphs: 'Did you know? Every year, roughly 100 million tonnes of textiles end up in landfills.' and 'Here at Eco-Fabrics, our goal is to reduce that number by providing an alternative, which is recycling them into new clothes. They are then sold at cheap prices.'

This information is organized into separate side tabs.



The screenshot shows a web browser window for 'Eco-Fabrics'. The address bar indicates the URL is <http://ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#about>. The page title is 'Eco-Fabrics'. The navigation menu at the top includes 'Home', 'About' (underlined in green), 'Product', 'Help', and a search bar. On the left, there is a vertical sidebar with links: 'Product Information' (highlighted in green) and 'Contact Us'. The main content area is blank. At the bottom of the page, there is a footer section with the heading 'Contact Us' and the following contact information: Tel: +65 8342 6435, Email: [contact@ecofabrics.com](mailto:contact@ecofabrics.com), Address: 2 Geylang East Avenue 2 #04-109, 389754, Singapore. The footer also includes a copyright notice: '© Copyright 2020 Eco-Fabrics. All Rights Reserved.'

The contact information of the company is located in the footer at the bottom of our application.

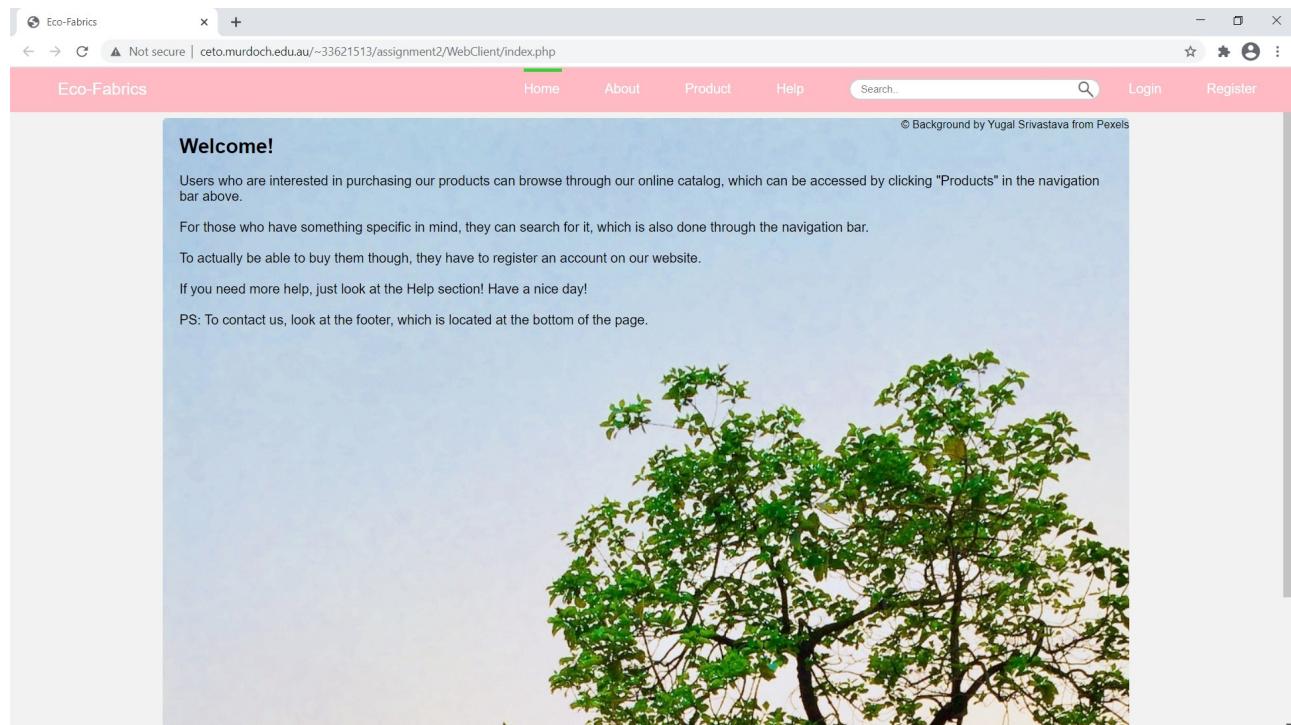
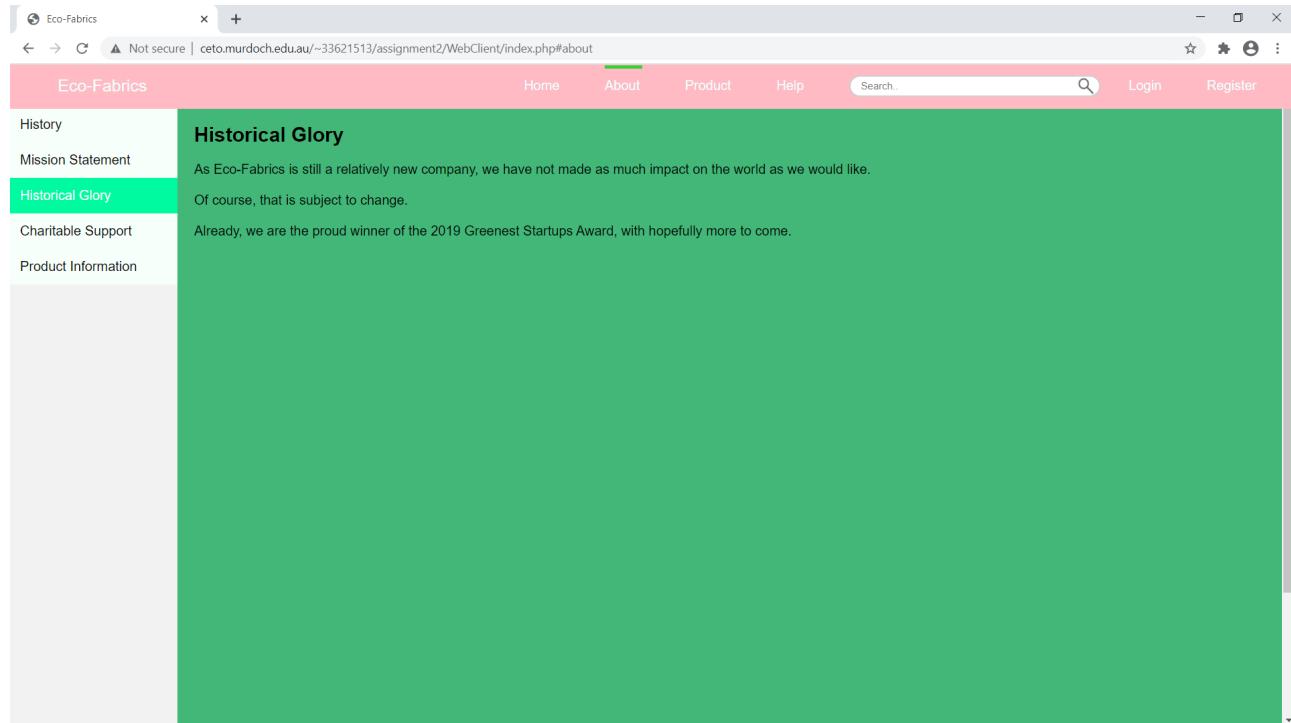
### ***Outcome of the Test***

The test was a success.

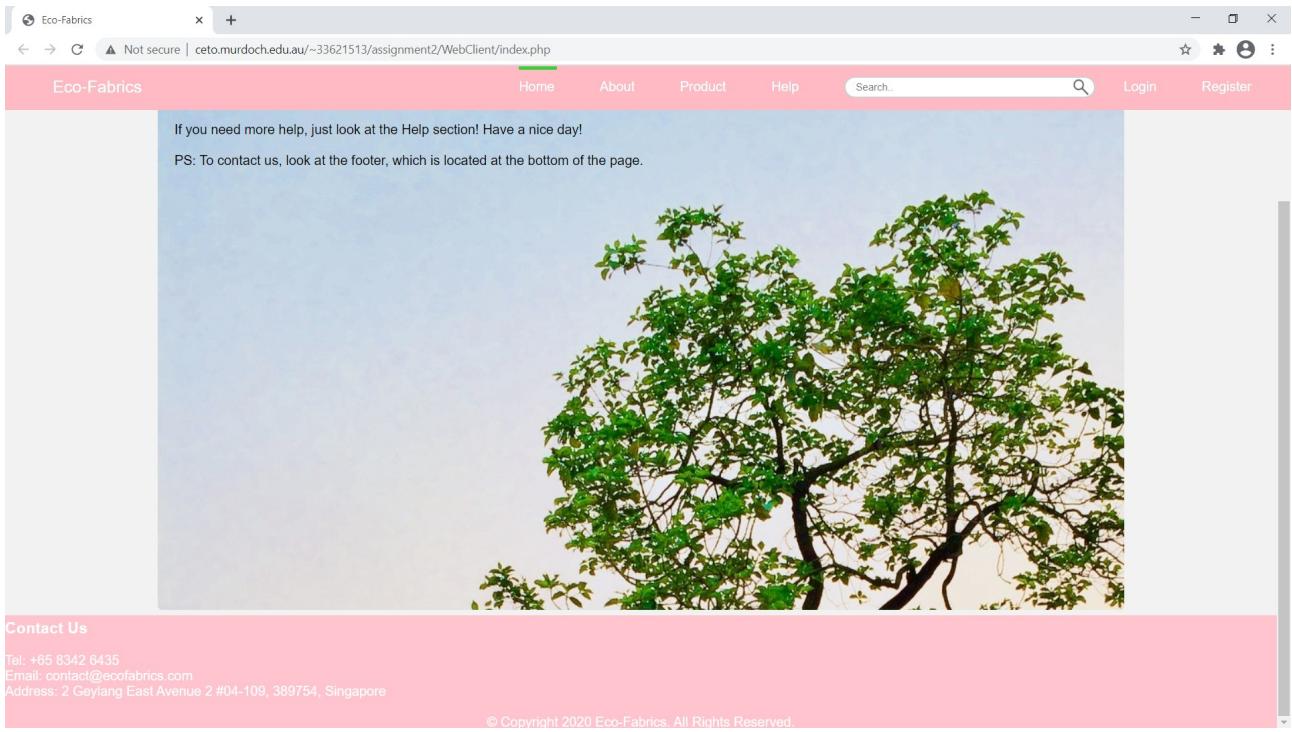
## **Purpose of the Test**

To demonstrate that our application has a consistent navigation system for users to move through it.

## **Evidence of the Test**



*Movement is done through the top navigation bar. It shows which page the user is currently on.*



*The navigation bar sticks to the top of the page.*

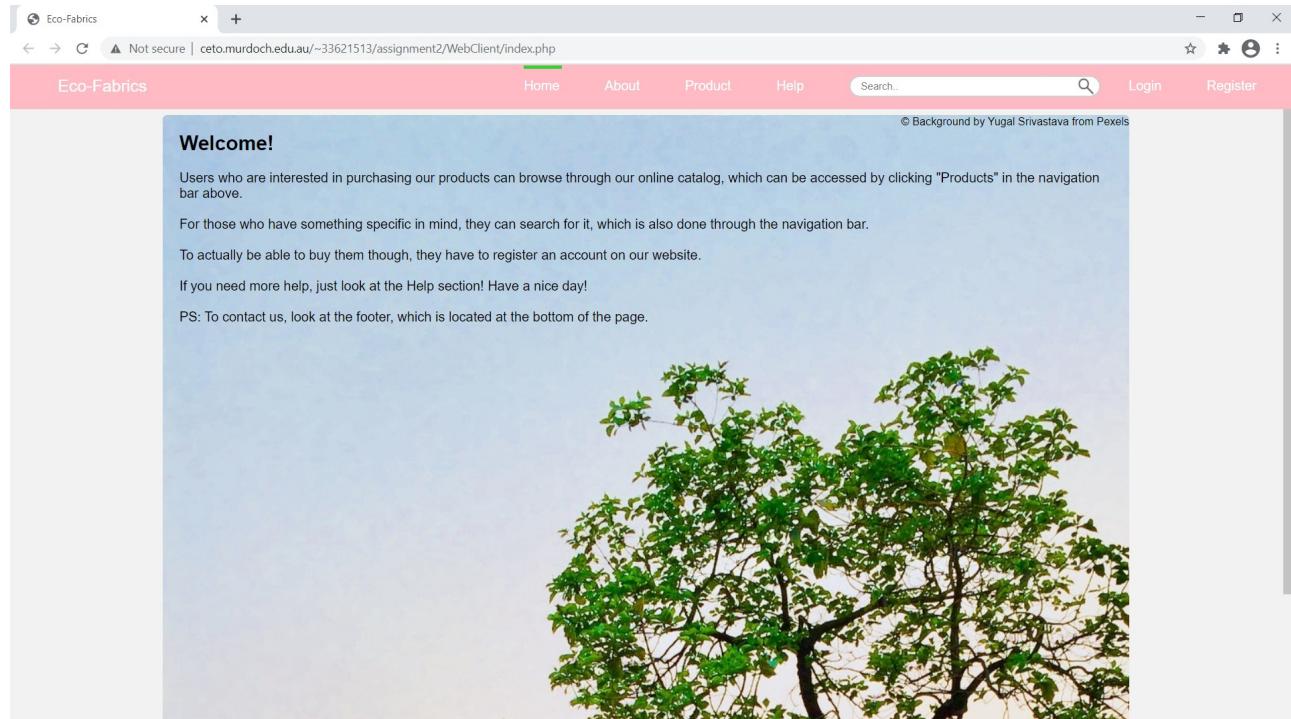
## ***Outcome of the Test***

The test was a success.

## Purpose of the Test

To demonstrate that our application provides an online help for users.

## Evidence of the Test



The screenshot shows the homepage of the 'Eco-Fabrics' website. The header includes a logo, navigation links for Home, About, Product, and Help, a search bar, and user account options for Login and Register. A background image of a tree is visible. The main content area features a 'Welcome!' message and several text blocks providing instructions for users. At the bottom, there is a footer section.

Welcome!

Users who are interested in purchasing our products can browse through our online catalog, which can be accessed by clicking "Products" in the navigation bar above.

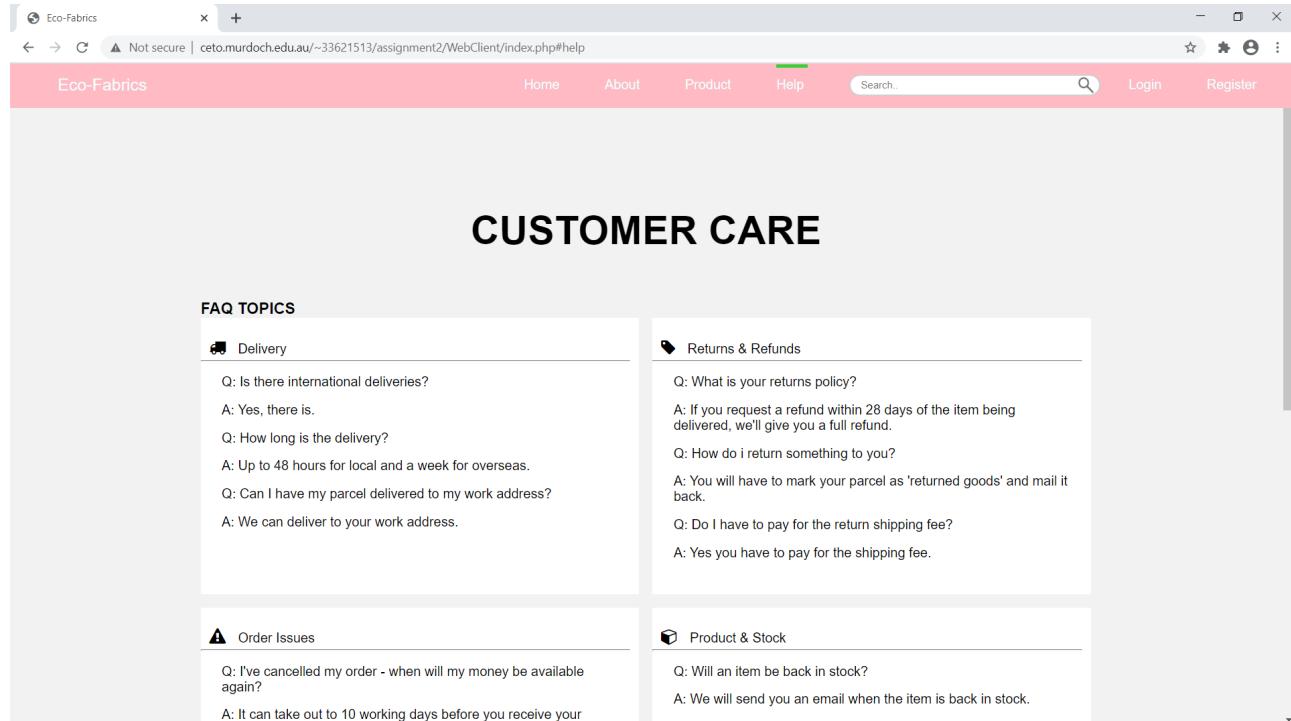
For those who have something specific in mind, they can search for it, which is also done through the navigation bar.

To actually be able to buy them though, they have to register an account on our website.

If you need more help, just look at the Help section! Have a nice day!

PS: To contact us, look at the footer, which is located at the bottom of the page.

*Home page tells users how to use our application and directs them to the Help page if they need more assistance.*



The screenshot shows the 'CUSTOMER CARE' page of the 'Eco-Fabrics' website. The page features a sidebar with 'FAQ TOPICS' and four main sections: 'Delivery', 'Returns & Refunds', 'Order Issues', and 'Product & Stock'. Each section contains a list of questions and answers.

## CUSTOMER CARE

**FAQ TOPICS**

**Delivery**

Q: Is there international deliveries?  
A: Yes, there is.

Q: How long is the delivery?  
A: Up to 48 hours for local and a week for overseas.

Q: Can I have my parcel delivered to my work address?  
A: We can deliver to your work address.

**Returns & Refunds**

Q: What is your returns policy?  
A: If you request a refund within 28 days of the item being delivered, we'll give you a full refund.

Q: How do I return something to you?  
A: You will have to mark your parcel as 'returned goods' and mail it back.

Q: Do I have to pay for the return shipping fee?  
A: Yes you have to pay for the shipping fee.

**Order Issues**

Q: I've cancelled my order - when will my money be available again?  
A: It can take up to 10 working days before you receive your

**Product & Stock**

Q: Will an item be back in stock?  
A: We will send you an email when the item is back in stock.

*Part of the Help page.*

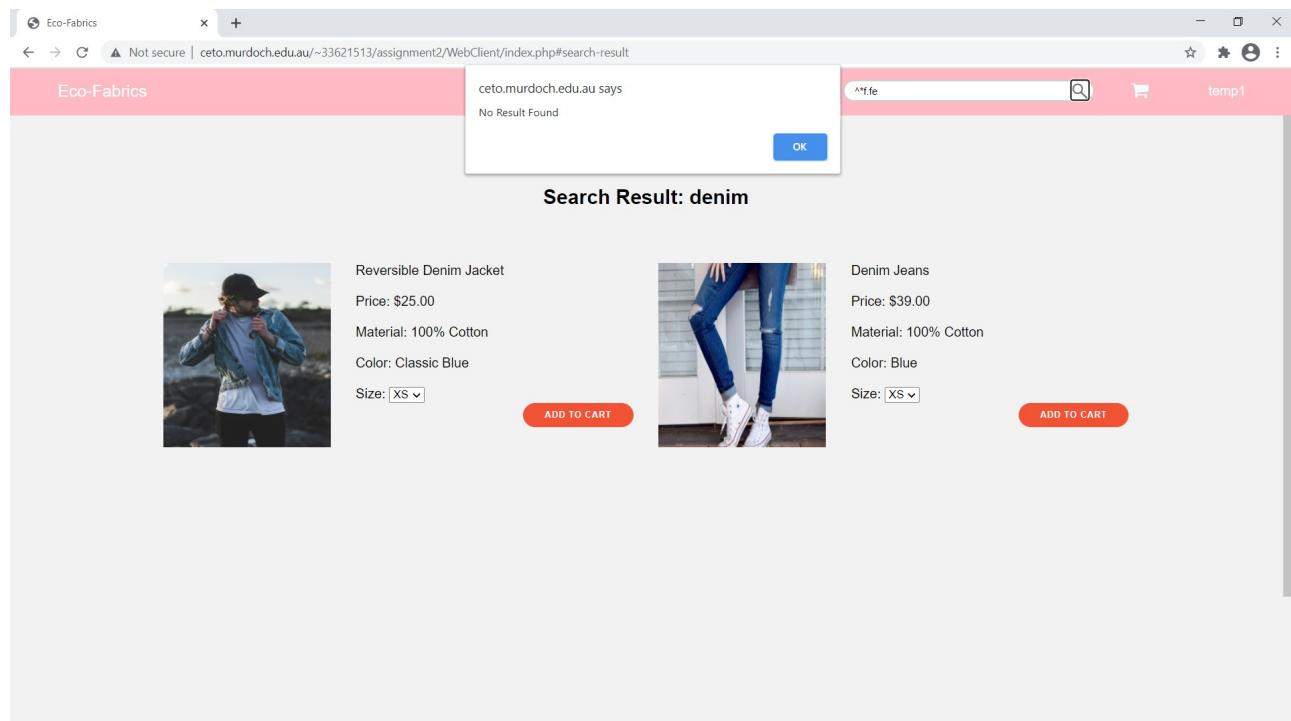
### ***Outcome of the Test***

The test was a success.

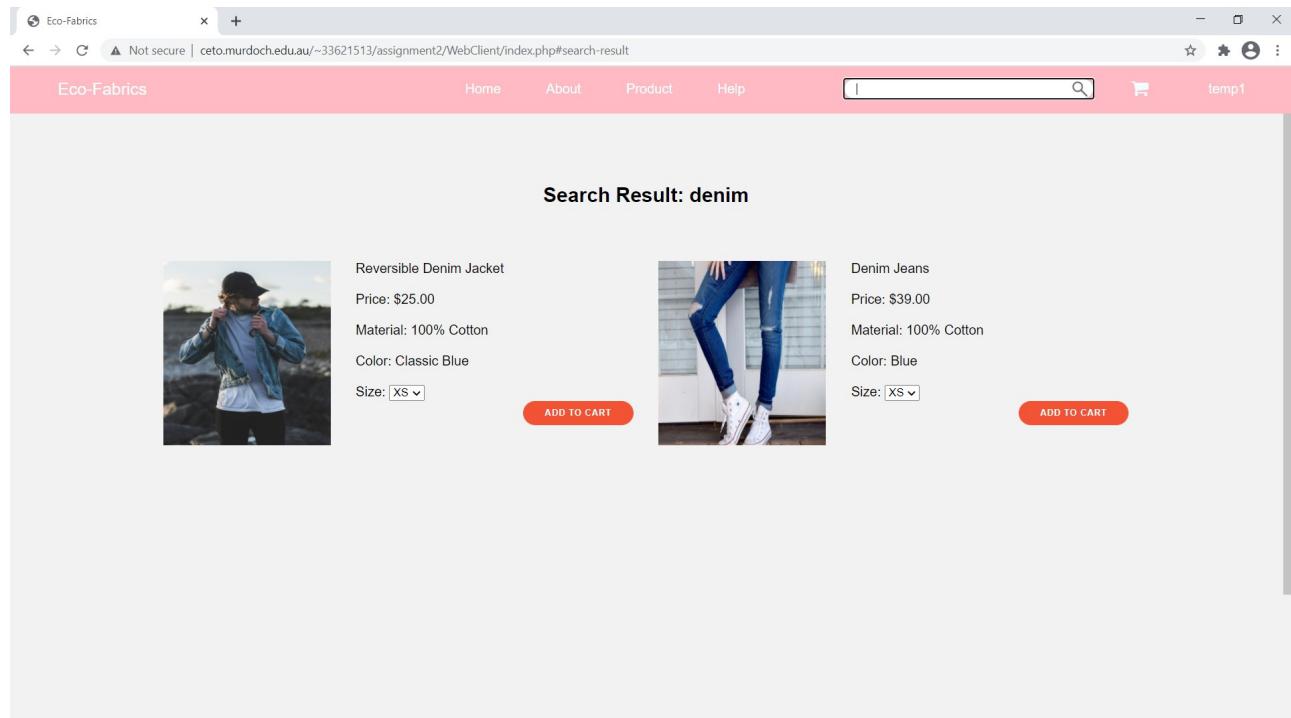
## Purpose of the Test

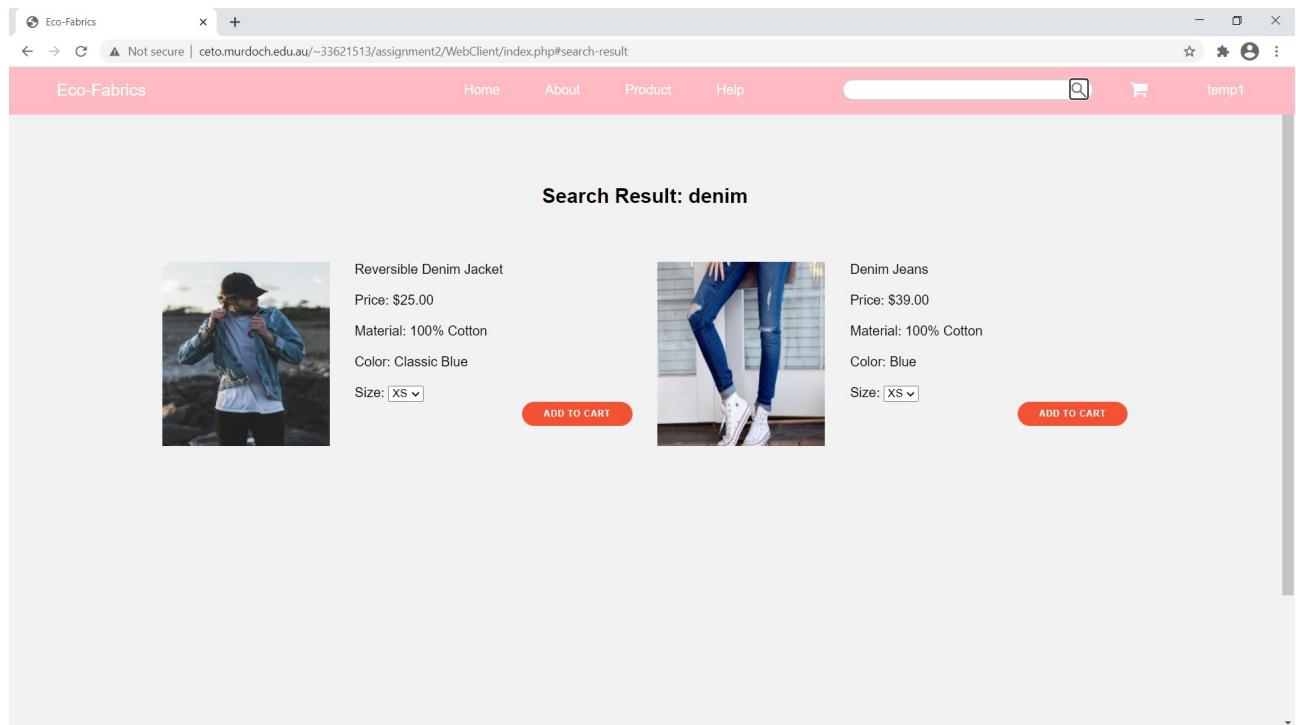
To demonstrate that users using the search function would be forced to re-enter the data if it is found to be empty or invalid.

## Evidence of the Test



User is informed that no results are found if invalid data is entered.





*The search function does not do anything if the data is empty.*

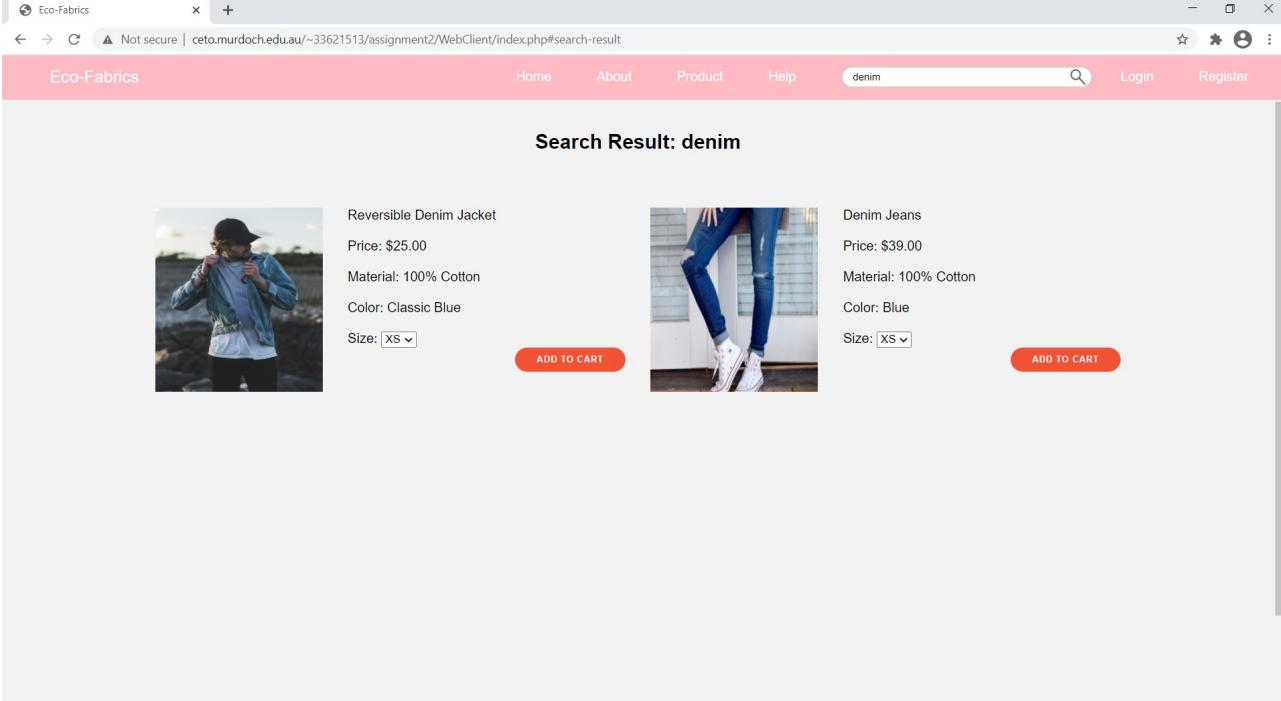
### ***Outcome of the Test***

The test was a success.

## **Purpose of the Test**

To demonstrate that our application allows all users to search by keywords.

## **Evidence of the Test**

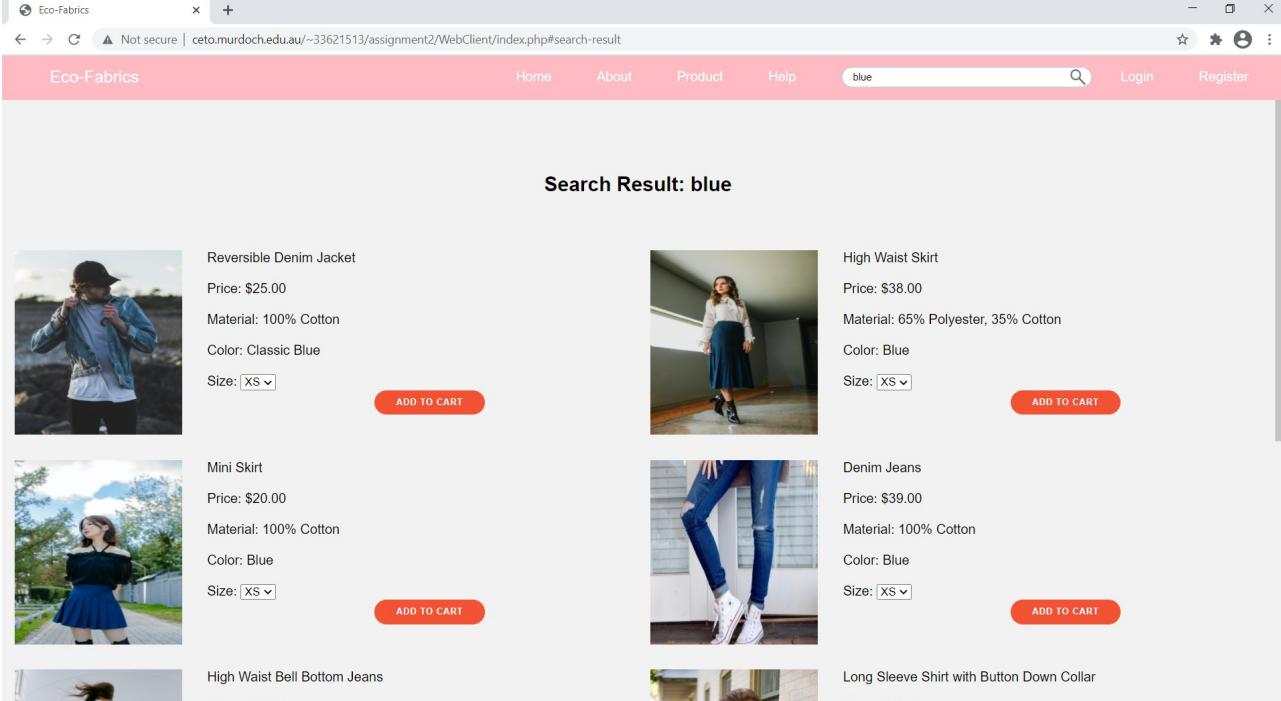


The screenshot shows a web browser window for the 'Eco-Fabrics' website. The URL in the address bar is 'ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#search-result'. The search term 'denim' is entered in the search bar. The page title is 'Search Result: denim'. There are two product items listed:

- Reversible Denim Jacket**  
Price: \$25.00  
Material: 100% Cotton  
Color: Classic Blue  
Size: XS
- Denim Jeans**  
Price: \$39.00  
Material: 100% Cotton  
Color: Blue  
Size: XS

Each item has an 'ADD TO CART' button below it.

*Found results that match the product name.*



The screenshot shows a web browser window for the 'Eco-Fabrics' website. The URL in the address bar is 'ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#search-result'. The search term 'blue' is entered in the search bar. The page title is 'Search Result: blue'. There are four product items listed:

- Reversible Denim Jacket**  
Price: \$25.00  
Material: 100% Cotton  
Color: Classic Blue  
Size: XS
- High Waist Skirt**  
Price: \$38.00  
Material: 65% Polyester, 35% Cotton  
Color: Blue  
Size: XS
- Mini Skirt**  
Price: \$20.00  
Material: 100% Cotton  
Color: Blue  
Size: XS
- Denim Jeans**  
Price: \$39.00  
Material: 100% Cotton  
Color: Blue  
Size: XS
- High Waist Bell Bottom Jeans**  
Price: \$36.00
- Long Sleeve Shirt with Button Down Collar**  
Price: \$33.00

Items 1, 2, and 3 have 'ADD TO CART' buttons below them. Items 4, 5, and 6 only show their names and prices.

*Found results that match the product color.*

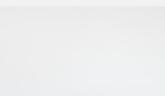
Eco-Fabrics

x +

Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#search-result

Home About Product Help cotton Search Login Register

### Search Result: cotton

	<b>Reversible Denim Jacket</b> Price: \$25.00 Material: 100% Cotton Color: Classic Blue Size: XS ▾ <a href="#" style="margin-left: 10px;">ADD TO CART</a>		<b>Full Zip Hoodie</b> Price: \$7.00 Material: 100% Cotton Color: Black Size: XS ▾ <a href="#" style="margin-left: 10px;">ADD TO CART</a>
	<b>Lace Trim Undershorts</b> Price: \$30.00 Material: 90% Cotton, 10% Spandex Color: White Size: XS ▾ <a href="#" style="margin-left: 10px;">ADD TO CART</a>		<b>High Waist Panties</b> Price: \$33.00 Material: 72% Cotton, 28% Spandex Color: Black Size: XS ▾ <a href="#" style="margin-left: 10px;">ADD TO CART</a>
	<b>Cotton Boxers</b> Price: \$19.00 Material: 100% Cotton		<b>High Waist Skirt</b> Price: \$38.00 Material: 65% Polyester, 35% Cotton

Found results that match the product material.

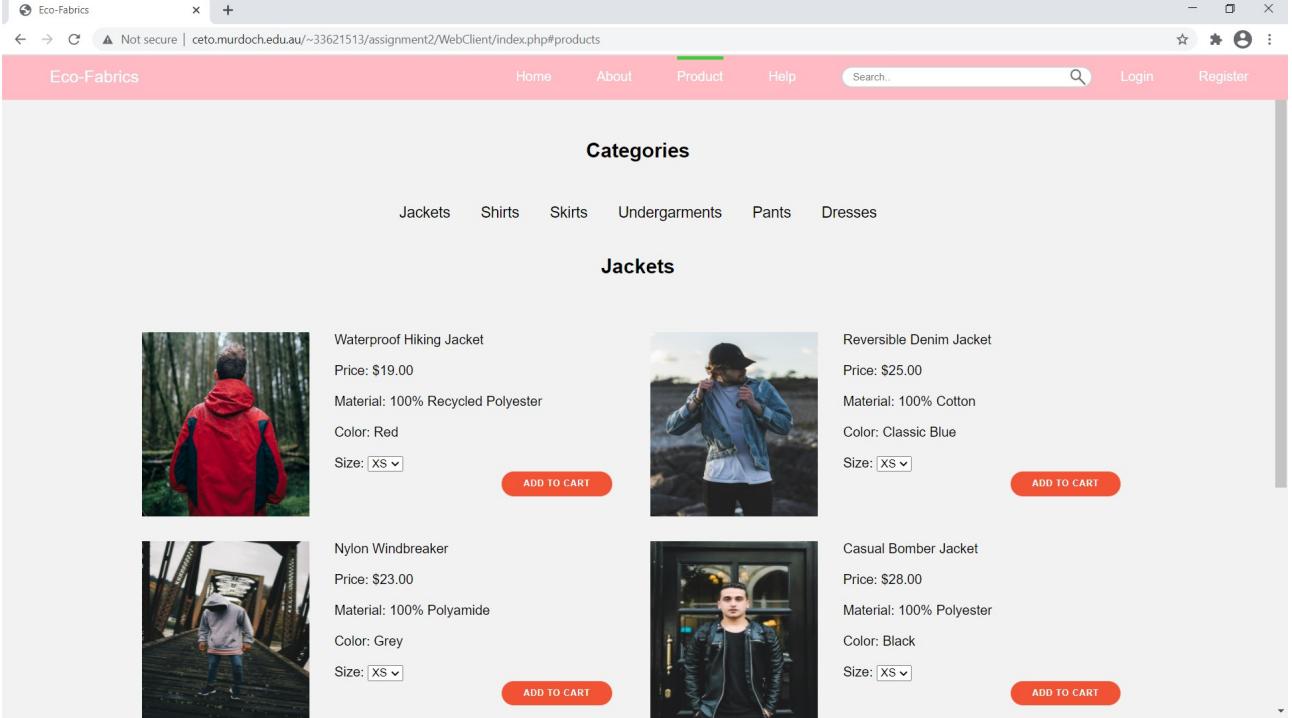
### ***Outcome of the Test***

The test was a success.

## Purpose of the Test

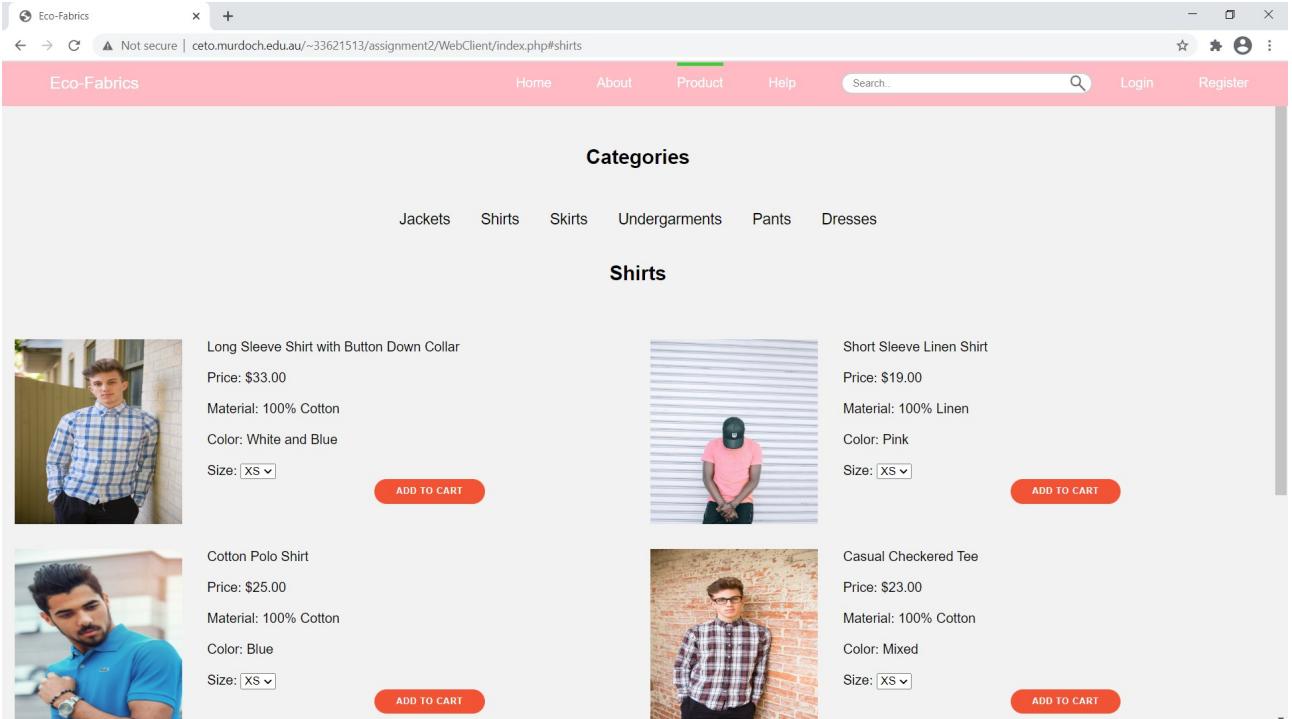
To demonstrate that our application allows all users to go through different categories of products/services to find what they want.

## Evidence of the Test



The screenshot shows the 'Categories' section of the Eco-Fabrics website under the 'Product' tab. The 'Jackets' category is selected. It displays four products:

- Waterproof Hiking Jacket**: Price: \$19.00, Material: 100% Recycled Polyester, Color: Red, Size: XS. **ADD TO CART**
- Reversible Denim Jacket**: Price: \$25.00, Material: 100% Cotton, Color: Classic Blue, Size: XS. **ADD TO CART**
- Nylon Windbreaker**: Price: \$23.00, Material: 100% Polyamide, Color: Grey, Size: XS. **ADD TO CART**
- Casual Bomber Jacket**: Price: \$28.00, Material: 100% Polyester, Color: Black, Size: XS. **ADD TO CART**

The screenshot shows the 'Categories' section of the Eco-Fabrics website under the 'Product' tab. The 'Shirts' category is selected. It displays four products:

- Long Sleeve Shirt with Button Down Collar**: Price: \$33.00, Material: 100% Cotton, Color: White and Blue, Size: XS. **ADD TO CART**
- Short Sleeve Linen Shirt**: Price: \$19.00, Material: 100% Linen, Color: Pink, Size: XS. **ADD TO CART**
- Cotton Polo Shirt**: Price: \$25.00, Material: 100% Cotton, Color: Blue, Size: XS. **ADD TO CART**
- Casual Checkered Tee**: Price: \$23.00, Material: 100% Cotton, Color: Mixed, Size: XS. **ADD TO CART**

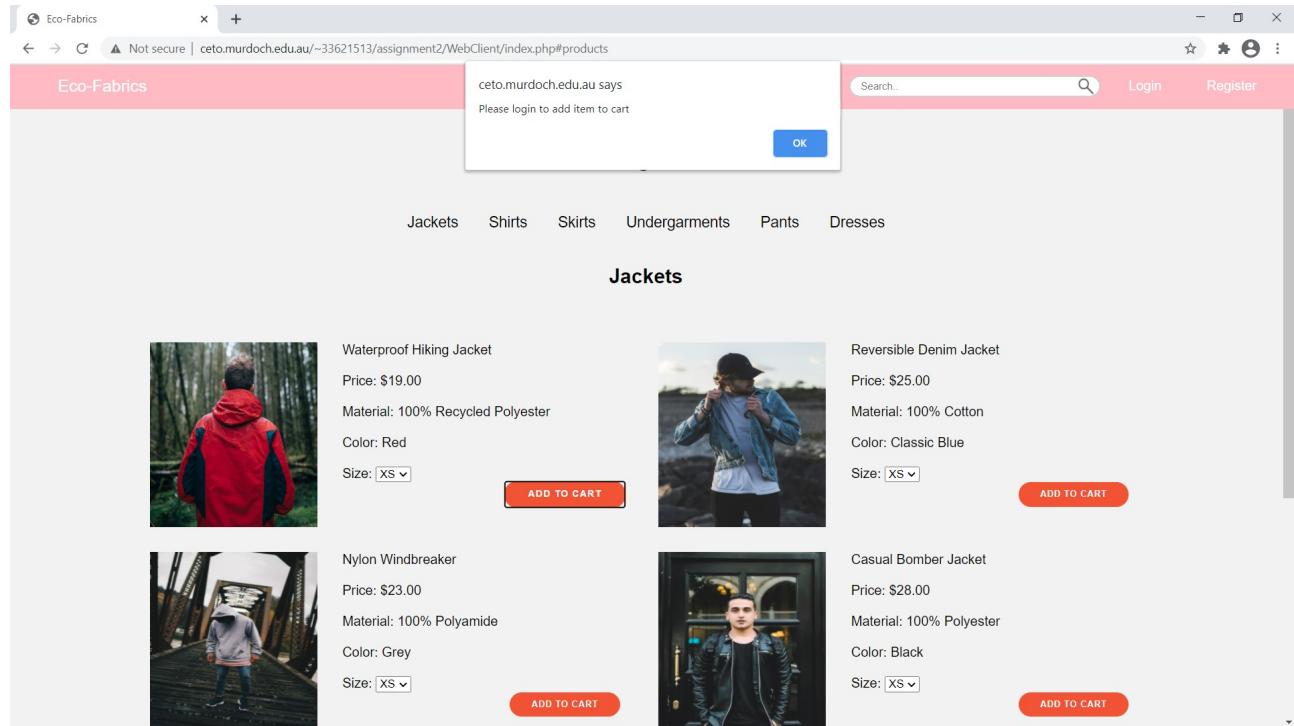
## Outcome of the Test

The test was a success.

## **Purpose of the Test**

To demonstrate that unregistered users cannot order our products.

## **Evidence of the Test**



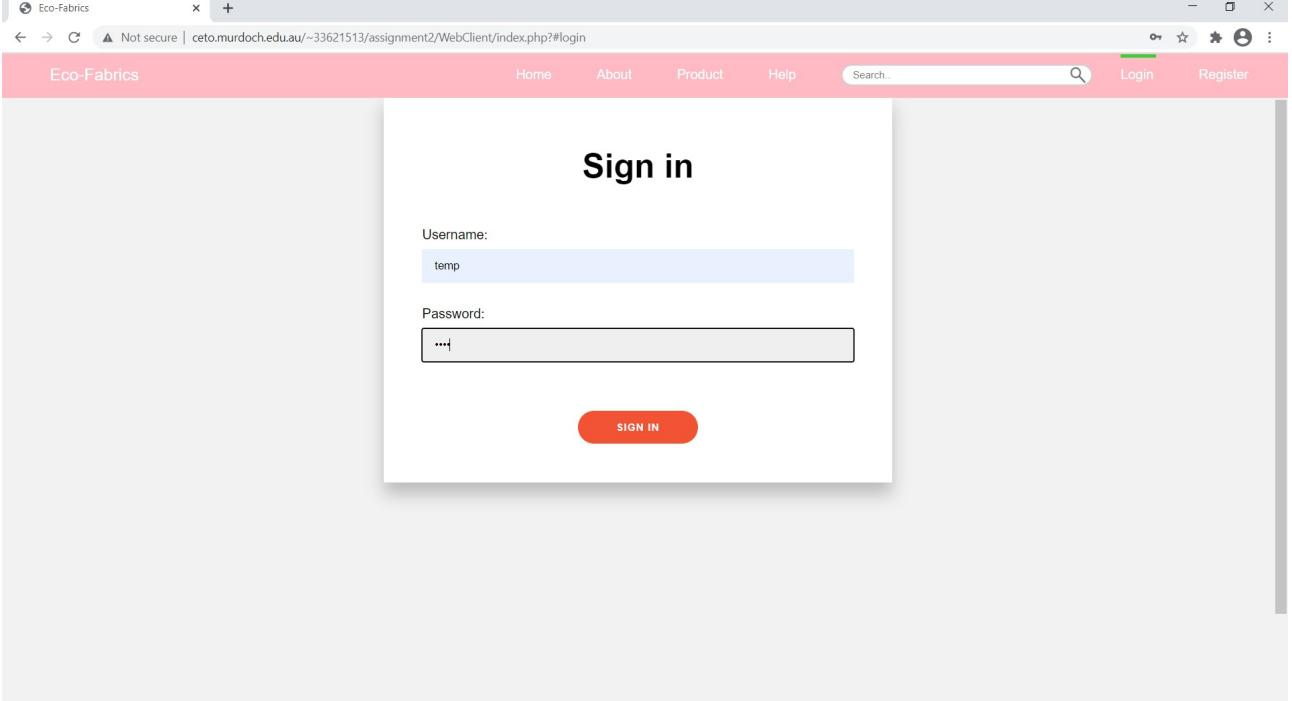
## **Outcome of the Test**

The test was a success.

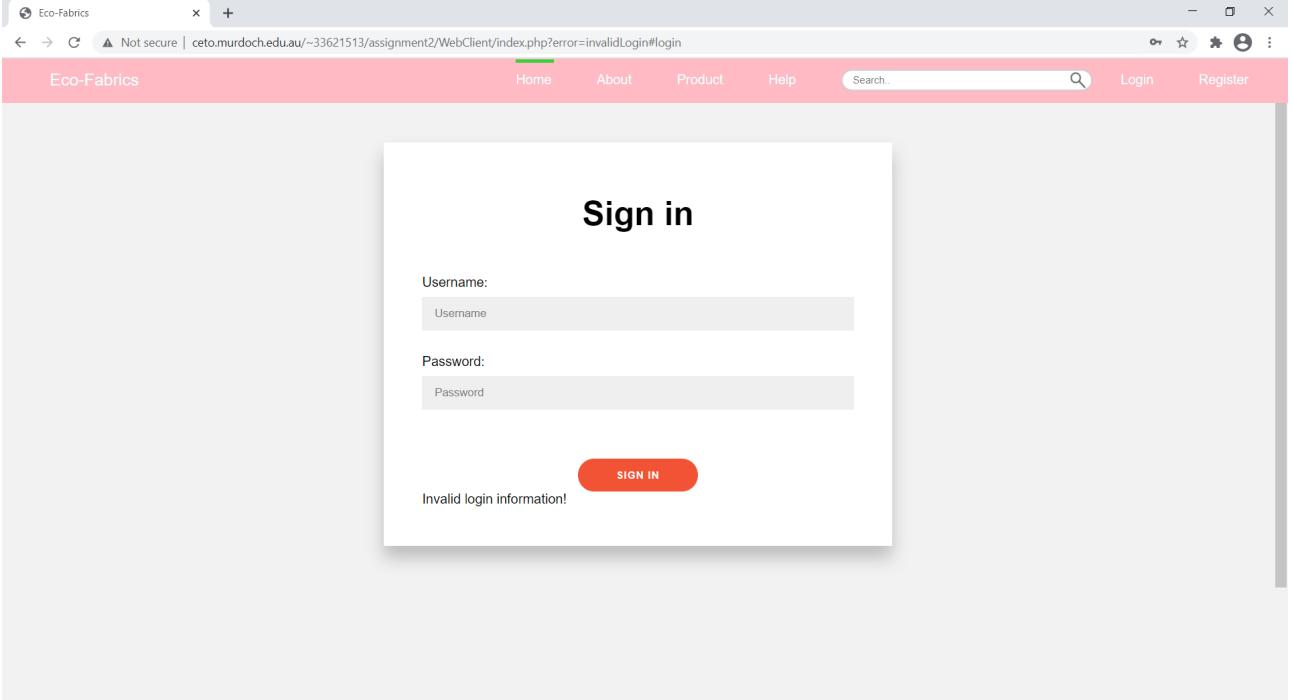
## **Purpose of the Test**

To demonstrate that users of our application can register and login.

## **Evidence of the Test**



A screenshot of a web browser window titled "Eco-Fabrics". The address bar shows "Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?#login". The page has a pink header with "Eco-Fabrics" and navigation links for Home, About, Product, Help, Search, Login, and Register. The main content area is titled "Sign in" and contains fields for "Username" (with "temp" typed) and "Password" (with "..." typed). A red "SIGN IN" button is at the bottom. The browser interface includes standard controls like back, forward, and search.



A screenshot of a web browser window titled "Eco-Fabrics". The address bar shows "Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?error=invalidLogin#login". The page has a pink header with "Eco-Fabrics" and navigation links for Home, About, Product, Help, Search, Login, and Register. The main content area is titled "Sign in" and contains fields for "Username" (with "Username" typed) and "Password" (with "Password" typed). Below the password field is a red error message "Invalid login information!". A red "SIGN IN" button is at the bottom. The browser interface includes standard controls like back, forward, and search.

*Unregistered users cannot login without creating an account first.*

Eco-Fabrics

Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?error=invalidLogin#register

Home About Product Help Search... Login Register

## Create Account

Username:

Password:

First Name:

Last Name:

**CREATE ACCOUNT**

Eco-Fabrics

Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?error=none#register

Home About Product Help Search... Login Register

## Create Account

Username:

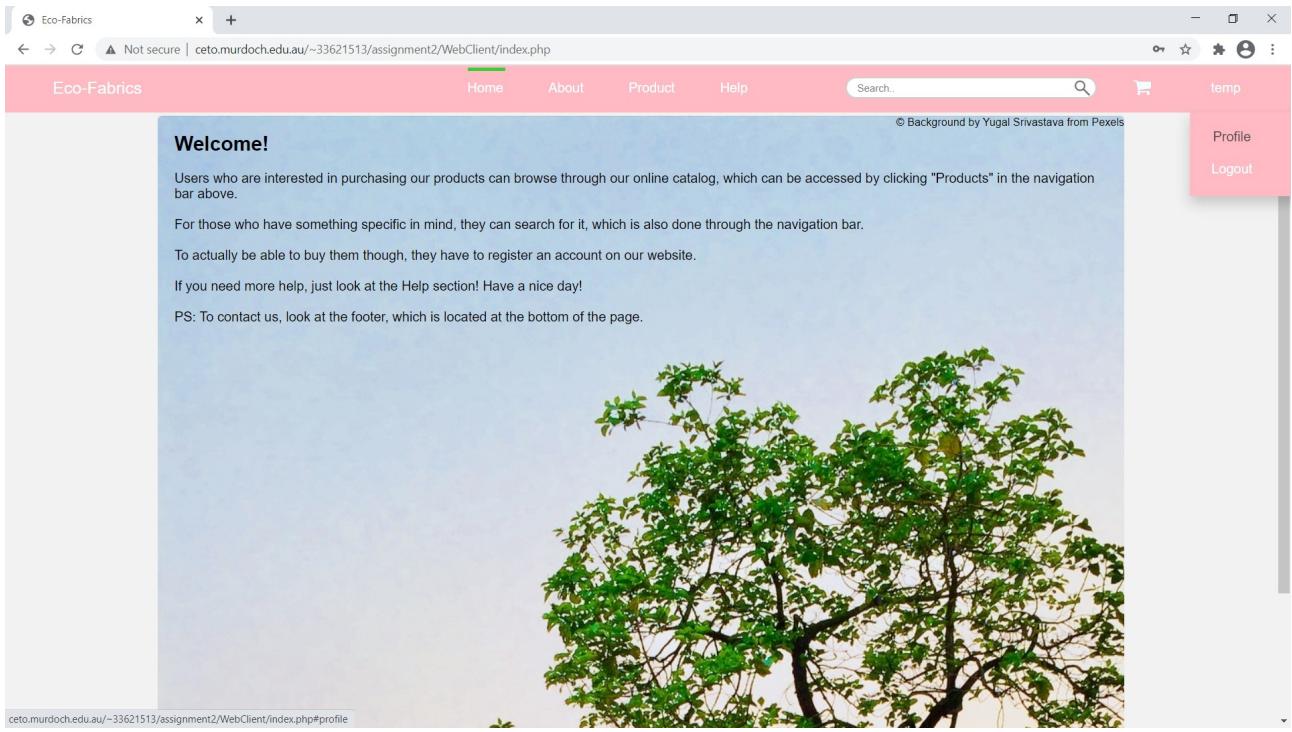
Password:

First Name:

Last Name:

**CREATE ACCOUNT**

You have signed up!



*After creating an account, the user is able to login.*

## ***Outcome of the Test***

The test was a success.

## **Purpose of the Test**

To demonstrate that registered users can modify their personal details.

## **Evidence of the Test**

The image shows two screenshots of a web browser displaying the Eco-Fabrics website. Both screenshots have a pink header bar with the site name 'Eco-Fabrics' and navigation links for Home, About, Product, and Help. A search bar and a shopping cart icon are also present in the header.

**Screenshot 1: Profile Page**

This screenshot shows a user profile for 'Testy Toots'. The profile fields are:

- Username: temp
- Password: ....
- First Name: Testy
- Last Name: Toots
- Email: (empty)
- Address: (empty)

**Screenshot 2: Update Profile Page**

This screenshot shows the same user profile being updated. The changes made are:

- First Name: Pesky
- Last Name: Pixie
- Email: temp@temp.com
- Address: tempy temp
- Gender: Male
- Contact Number: 1111111

A red 'UPDATE PROFILE' button is visible at the bottom of the update form.

**Contact Us**

Tel: +65 8342 6435

Eco-Fabrics

ceto.murdoch.edu.au says  
Profile has been successfully updated

First Name  
Pesky

Last Name  
Pixie

Email  
temp@temp.com

Address  
tempy temp

Gender: Male

Contact Number  
1111111

**UPDATE PROFILE**

This screenshot shows a web browser window for 'Eco-Fabrics'. A modal dialog box is displayed in the center, stating 'ceto.murdoch.edu.au says Profile has been successfully updated'. Below the modal, the user's profile information is visible: First Name (Pesky), Last Name (Pixie), Email (temp@temp.com), Address (tempy temp), Gender (Male), and Contact Number (1111111). At the bottom right of the profile area is a red 'UPDATE PROFILE' button.

#### Contact Us

Tel: +65 8342 6435

Eco-Fabrics

Home About Product Help

Search... temp

## Pesky Pixie

Username  
temp

Password  
....

First Name  
Pesky

Last Name  
Pixie

Email  
temp@temp.com

Address  
tempy temp

Gender: Male

Contact Number  
1111111

This screenshot shows a web browser window for 'Eco-Fabrics'. The top navigation bar includes 'Home', 'About', 'Product', and 'Help' links. A search bar is present on the right with the placeholder 'temp'. Below the navigation is a large heading 'Pesky Pixie'. The user profile information is displayed: Username (temp), Password (redacted), First Name (Pesky), Last Name (Pixie), Email (temp@temp.com), Address (tempy temp), Gender (Male), and Contact Number (1111111).

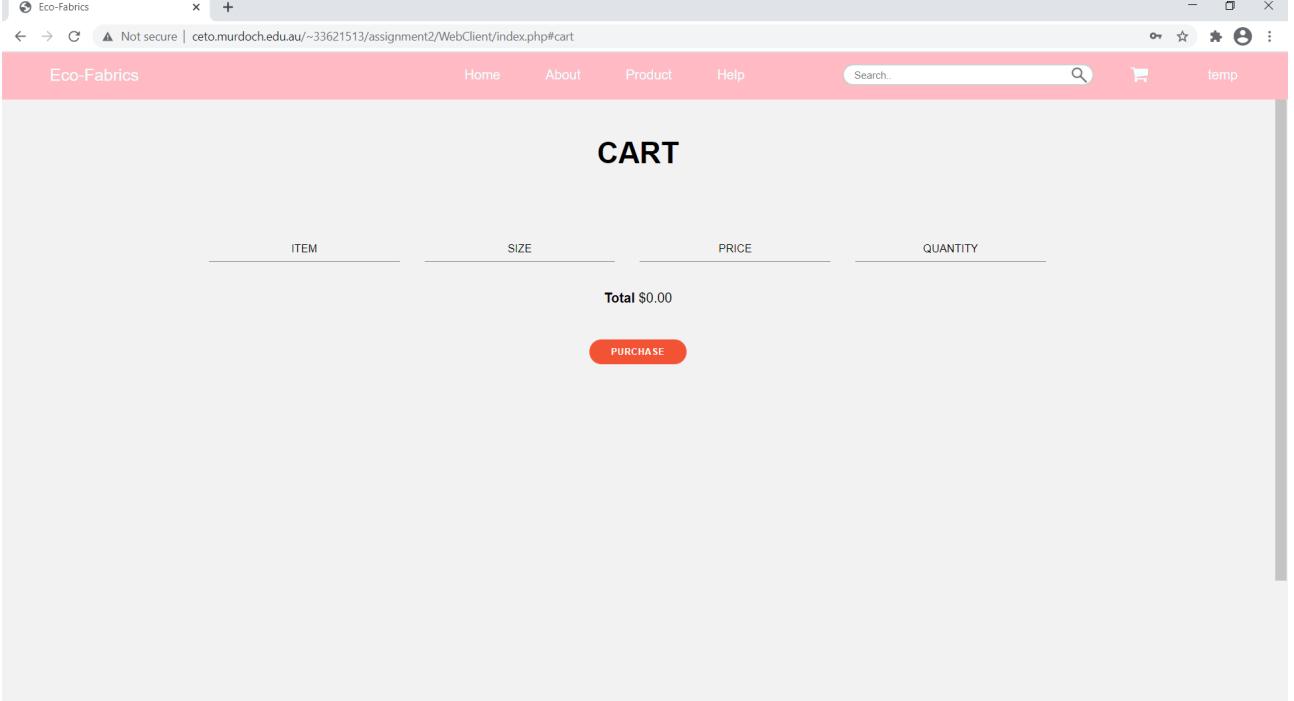
### ***Outcome of the Test***

The test was a success

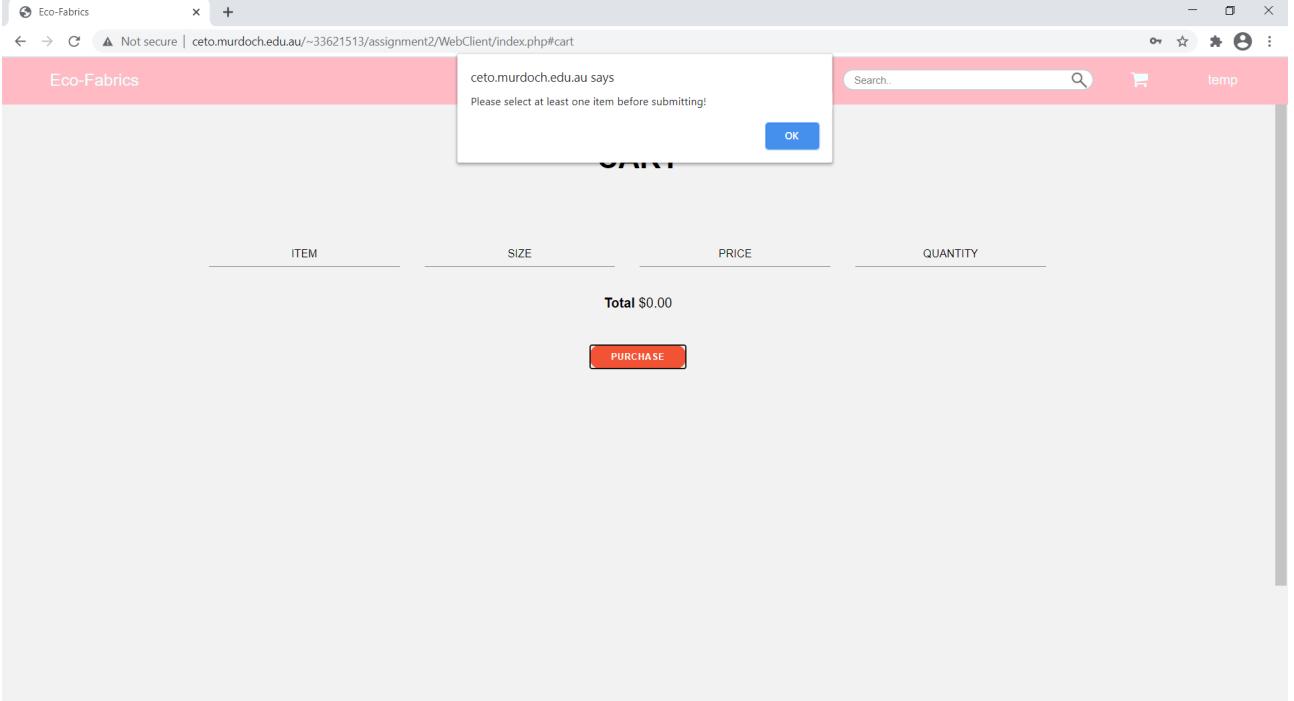
## **Purpose of the Test**

To demonstrate that registered users can purchase items.

## **Evidence of the Test**



The screenshot shows a web browser window for the 'Eco-Fabrics' website. The URL is [ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#cart](http://ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#cart). The page title is 'Eco-Fabrics'. The navigation menu includes Home, About, Product, Help, and a search bar. A shopping cart icon shows 'temp'. The main content area is titled 'CART' and contains four columns: ITEM, SIZE, PRICE, and QUANTITY. Below these columns, the text 'Total \$0.00' is displayed. A prominent red 'PURCHASE' button is centered at the bottom of the cart area.



This screenshot shows the same website as above, but with a modal dialog box overlaid. The dialog box has a white background and a thin black border. It contains the text 'ceto.murdoch.edu.au says' at the top, followed by 'Please select at least one item before submitting!' in a smaller font. At the bottom right of the dialog is a blue 'OK' button. The rest of the page below the dialog is identical to the first screenshot, showing the empty shopping cart and the 'PURCHASE' button.

Eco-Fabrics Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#products

Home About Product Help Search... temp

## Categories

Jackets Shirts Skirts Undergarments Pants Dresses

### Jackets



Waterproof Hiking Jacket  
Price: \$19.00  
Material: 100% Recycled Polyester  
Color: Red  
Size: XS ▾ [ADD TO CART](#)



Reversible Denim Jacket  
Price: \$25.00  
Material: 100% Cotton  
Color: Classic Blue  
Size: XS ▾ [ADD TO CART](#)



Nylon Windbreaker  
Price: \$23.00  
Material: 100% Polyamide  
Color: Grey  
Size: XS ▾ [ADD TO CART](#)



Casual Bomber Jacket  
Price: \$28.00  
Material: 100% Polyester  
Color: Black  
Size: XS ▾ [ADD TO CART](#)

ceto.murdoch.edu.au says  
This item is already added to the cart [OK](#)

Jackets Shirts Skirts Undergarments Pants Dresses

### Jackets



Waterproof Hiking Jacket  
Price: \$19.00  
Material: 100% Recycled Polyester  
Color: Red  
Size: XS ▾ [ADD TO CART](#)



Reversible Denim Jacket  
Price: \$25.00  
Material: 100% Cotton  
Color: Classic Blue  
Size: XS ▾ [ADD TO CART](#)



Nylon Windbreaker  
Price: \$23.00  
Material: 100% Polyamide  
Color: Grey  
Size: XS ▾ [ADD TO CART](#)



Casual Bomber Jacket  
Price: \$28.00  
Material: 100% Polyester  
Color: Black  
Size: XS ▾ [ADD TO CART](#)

Eco-Fabrics

Home About Product Help Search...  
temp

## CART

ITEM	SIZE	PRICE	QUANTITY
Reversible Denim Jacket	XS	\$25.00	<input type="text" value="1"/> <span style="color: red;">REMOVE</span>

Total \$25.00

PURCHASE

You have successfully made the purchase. Total Price is: \$25.00

Eco-Fabrics

Home About Product Help Search...  
temp

## CART

ITEM	SIZE	PRICE	QUANTITY
Reversible Denim Jacket	XS	\$25.00	<input type="text" value="99"/> <span style="color: red;">REMOVE</span>

Total \$2475.00

PURCHASE

Not Enough Stock

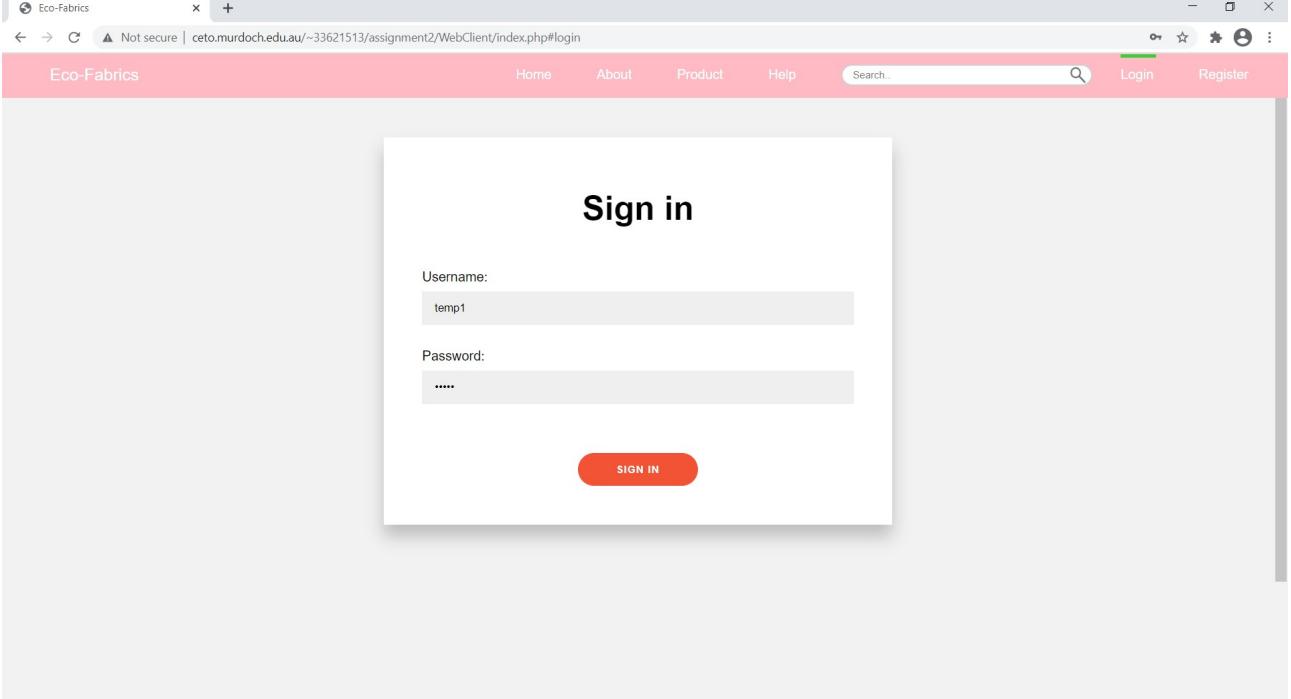
### ***Outcome of the Test***

The test was a success.

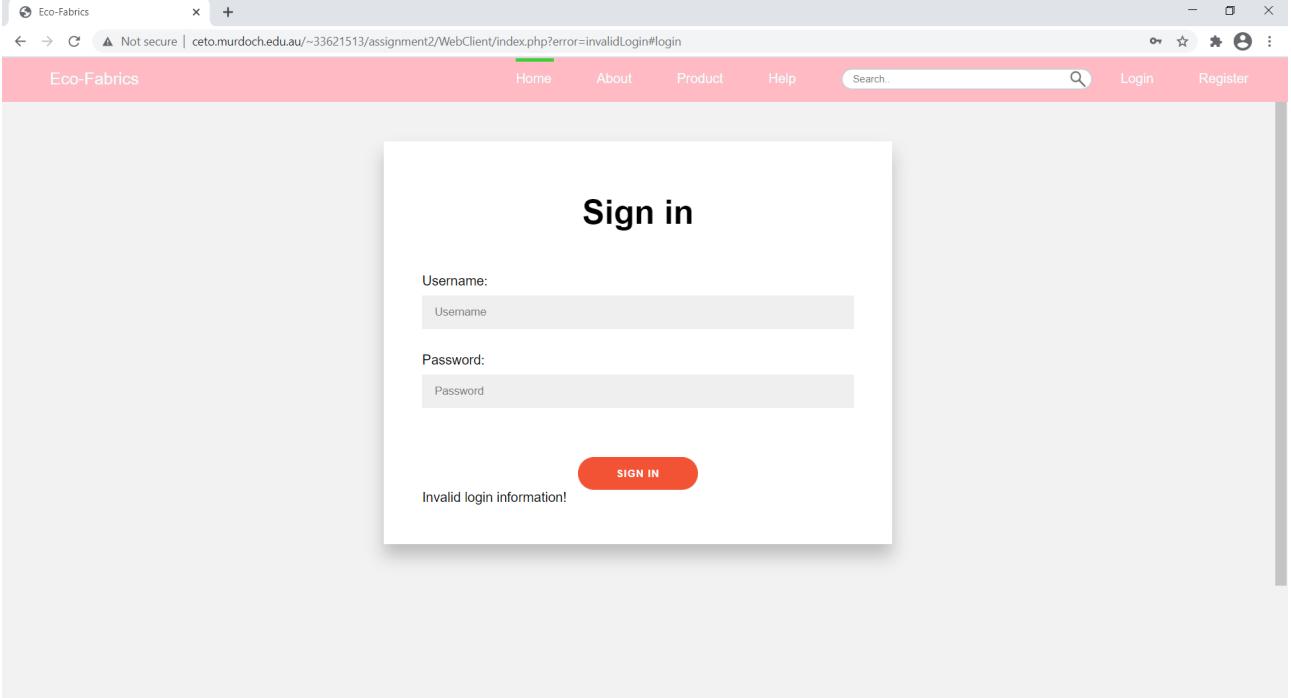
## **Purpose of the Test**

To demonstrate that staff members can create new staff accounts.

## **Evidence of the Test**



A screenshot of a web browser window titled "Eco-Fabrics". The address bar shows "Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#login". The page has a pink header with "Eco-Fabrics" and navigation links for "Home", "About", "Product", "Help", "Search..", "Login", and "Register". The main content area is white and features a "Sign in" form. The "Username:" field contains "temp1" and the "Password:" field contains ".....". A red "SIGN IN" button is at the bottom. The status bar at the bottom of the browser window says "Invalid login information!".



A screenshot of a web browser window titled "Eco-Fabrics". The address bar shows "Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?error=invalidLogin#login". The page has a pink header with "Eco-Fabrics" and navigation links for "Home", "About", "Product", "Help", "Search..", "Login", and "Register". The main content area is white and features a "Sign in" form. The "Username:" field is empty and the "Password:" field is empty. A red "SIGN IN" button is at the bottom. The status bar at the bottom of the browser window says "Invalid login information!".

Eco-Fabrics

Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#manage

Home About Product Help Search.. staff1

Profile Manage Logout

## Create Staff Account

Username: temp1

Password: \*\*\*\*

First Name: Hoisty

Last Name: Ham

**CREATE ACCOUNT**

ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#manage

Eco-Fabrics

Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php?error=none#manage

Home About Product Help Search.. staff1

## Create Staff Account

Username: Username

Password: Password

First Name: First Name

Last Name: Last Name

**CREATE ACCOUNT**

You have signed up!

The screenshot shows a web browser window with a pink header bar. The title bar says "Eco-Fabrics" and the address bar says "Not secure | ceto.murdoch.edu.au/~33621513/assignment2/WebClient/index.php#profile". The main content area has a white background and features a form titled "Hoisty Ham". The form fields are as follows:

Field	Value
Username	temp1
Password	.....
First Name	Hoisty
Last Name	Ham
Email	[redacted]
Address	[redacted]

### ***Outcome of the Test***

The test was a success.

## **Purpose of the Test**

To demonstrate that staff members can also purchase items.

## **Evidence of the Test**

The screenshot shows two pages from the Eco-Fabrics website:

**Product Categories Page:**

- The top navigation bar includes links for Home, About, Product (which is highlighted), Help, and a search bar.
- The main content area is titled "Categories" and lists product categories: Jackets, Shirts, Skirts, Undergarments, Pants, and Dresses.
- The "Jackets" category is selected and displays four products:
  - Waterproof Hiking Jacket:** Red jacket with dark blue accents, Price: \$19.00, Material: 100% Recycled Polyester, Color: Red, Size: XS, Add to Cart button.
  - Reversible Denim Jacket:** Blue denim jacket, Price: \$25.00, Material: 100% Cotton, Color: Classic Blue, Size: XS, Add to Cart button.
  - Nylon Windbreaker:** Grey jacket, Price: \$23.00, Material: 100% Polyamide, Color: Grey, Size: XS, Add to Cart button.
  - Casual Bomber Jacket:** Black jacket, Price: \$28.00, Material: 100% Polyester, Color: Black, Size: XS, Add to Cart button.

**Shopping Cart Page:**

- The top navigation bar includes links for Home, About, Product (which is highlighted), Help, and a search bar.
- The main content area is titled "CART".
- A table shows the items in the cart:

ITEM	SIZE	PRICE	QUANTITY
Reversible Denim Jacket	XS	\$25.00	<input type="text" value="1"/> <span style="color: red; border: 1px solid red; padding: 2px;">REMOVE</span>
- The total price is displayed as **Total \$25.00**.
- A **PURCHASE** button is present.
- A success message at the bottom states: You have successfully made the purchase. Total Price is: \$25.00.

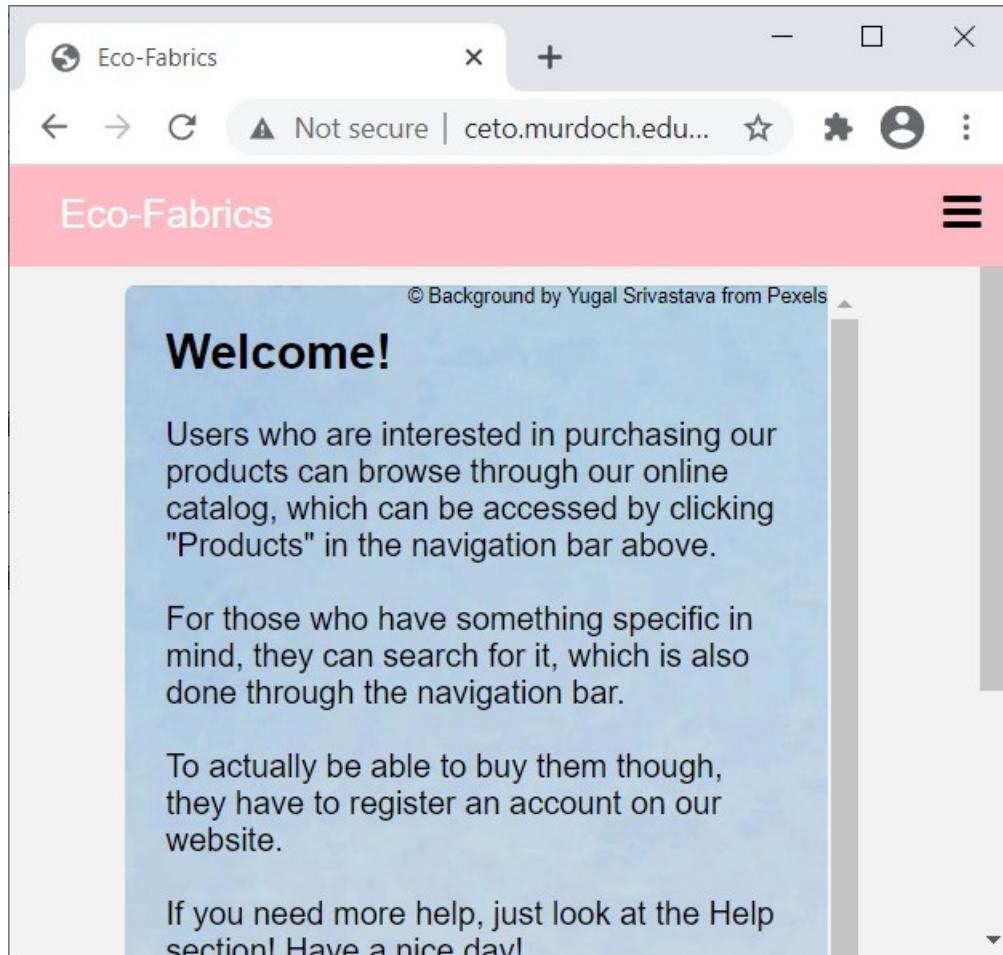
## **Outcome of the Test**

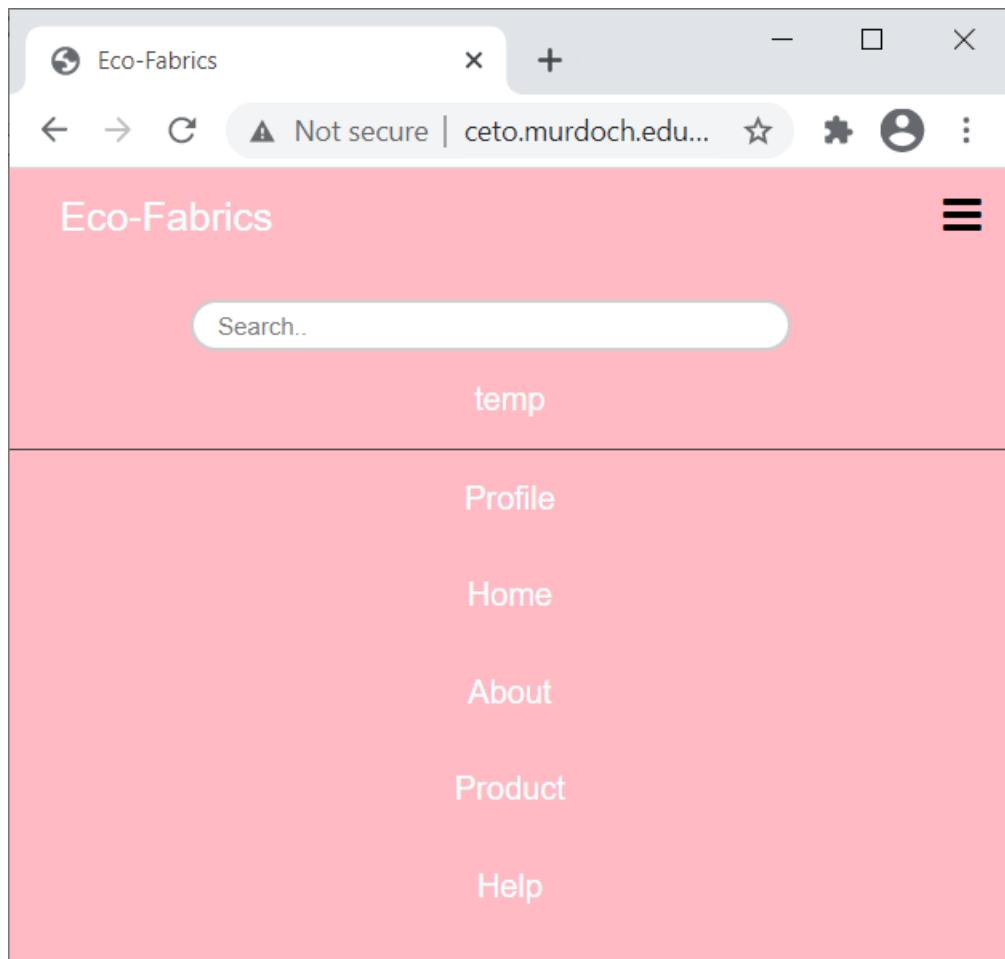
The test was a success.

## **Purpose of the Test**

To demonstrate that our application has a responsive design that adjusts to large and small screens.

## **Evidence of the Test**





A screenshot of a web browser window displaying the Eco-Fabrics website. The title bar shows the site name "Eco-Fabrics". The address bar indicates the connection is "Not secure" and displays the URL "ceto.murdoch.edu.au/~3...". The main content area has a pink background. At the top left is a search bar with the placeholder "Search..". To its right is a button labeled "temp". A horizontal line separates this from a sidebar menu on the right. The menu items are "Profile", "Home", "About", "Product", "Help", and "Logout". Below the "Logout" item is a small shopping cart icon.

Eco-Fabrics

Search..

temp

Profile

Home

About

Product

Help

Logout

Eco-Fabrics

Not secure | ceto.murdoch.edu.au/~3...

History

Mission Statement

Historical Glory

Charitable Support

Product Information

## History

Eco-Fabrics was founded in 2018 by John Doe, who at the time just graduated from the National University of Singapore with a degree in Environmental Studies.

As someone who grew up without the money to buy new clothes when needed, he was dismayed when he learnt of just how much textiles were wasted and wanted to do something about it.

Before founding Eco-Fabrics, he volunteered to take in any clothes that people did not want anymore and recycle them into new clothes (also known as upscaling).

Feedback from these people, who were

Eco-Fabrics

Not secure | ceto.murdoch.edu.a...

## Categories

Jackets      Shirts      Skirts      Undergarments      Pants  
Dresses

## Jackets



Waterproof Hiking Jacket

Price: \$19.00

Material: 100% Recycled Polyester

Color: Red

The screenshot shows a mobile browser window with the following details:

- Title Bar:** Shows the website name "Eco-Fabrics".
- Address Bar:** Displays "Not secure | ceto.murdoch.edu.au/~3...".
- Content Area:**
  - Section Header:** "CUSTOMER CARE"
  - Section Header:** "FAQ TOPICS"
  - Topic:** "Delivery" (indicated by a truck icon).
  - Q&A:**
    - Q: Is there international deliveries?
    - A: Yes, there is.
  - Q&A:**
    - Q: How long is the delivery?
    - A: Up to 48 hours for local and a week for overseas.
  - Q&A:**
    - Q: Can I have my parcel delivered to my ...

### ***Outcome of the Test***

The mobile navigation bar does not quite fit if the screen is too small, but other than that, the test was a success.