# Software Validation Testing Protocol

Group E – Website

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## Altaf

Test #1:

Purpose: To test requirement [REQ 4], hovering on a map marker.

Tools: Internet connection, latest Chrome browser, Server Operational,
https://ugdev.cs.smu.ca/~group23E/client/

Setup: Index page has been loaded, and user scroll down to the map see Figure [Fig 1]

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Hover over one of the map markers. (ex: map marker not connected to the path) | Example expected output, like Fig 2. | | | |

Test #2:

Purpose: To test requirement [REQ 8], clicking on a map marker.

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/

Setup: Index page has been loaded, and user scroll down to the map see Figure [Fig 1]

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on one of the map markers. (ex: map marker not connected to the path) | Example expected output, See Fig 3 | | | |

Test #3:

Purpose: To test requirement [REQ 19], clicking on an expanded map marker (close button).

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/

Setup: Index page has been loaded, and user scroll down to the map see Figure [Fig 1],
click on one of the map markers. (ex: map marker not connected to the path)

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on the expanded map marker (close button) | Panel should be hidden, see Fig 1 | | | |

## Alam

Test #1:

Purpose: To test [REQ 4] which has questions on the quiz page to appear randomly for each user.

Tools: Internet connection, Chrome browser, Server Operational, http://ugdev.cs.smu.ca/~group23E/client/quiz.html

Setup: load one quiz page, open another quiz page in another tab, and nothing else.

| Step # | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Observe the order of questions on both loaded quiz pages.

Thoroughly go over both the quiz pages to check that the order is different. One should not rush while testing. If the quiz has lots of questions, it will become more tedious to check this. Hence, be patient. | The order of questions should appear randomly for both the quiz pages.

Pass: If both quiz pages have different order of questions, the test is passed.

If Fail: Repeat step 1 until pass condition is met or deem the test a Fail after 10 times. | | | |

Test #2:

Purpose: To test [REQ 14] that shows a "Submit" button on the modal in [REQ 13] that will grade the quiz and display the results.

Tools: Internet connection, Chrome browser, Server Operational, http://ugdev.cs.smu.ca/~group23E/client/quiz.html, Table 1

Setup: The quiz has been answered on the quiz page.

| Step # | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|--------|--------|-----------------|---------------|-----------|----------|
| 1 | Answer all questions correctly using the answers provided in Table 1 then click the "Submit" button on the modal. | The quiz section of the page should be hidden, and the results portion of the page will be shown, which include the percentage grade of 100.00%, see fig 4. Confetti will be shown. | | | |
| 2 | Answer 0 question correctly using the answers provided in Table 1 then click the "Submit" button on the modal. | The quiz section of the page should be hidden, and the results portion of the page will be shown, which include the percentage grade of 0.00%, see fig 5. No confetti will be shown. | | | |

## Anmol

Test #1:

Purpose: To test [REQ 7], Upon clicking the about button it will display the about page.

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/

Setup: Homepage has been loaded and user can view or click the nav bar. (See Fig 9)

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|------|--------|-----------------|---------------|-----------|----------|
| 1 | On clicking the about button on the nav bar. | Will display the about us page. (See Fig 6) | | | |

Test #2:

Purpose: [REQ 14] Upon clicking the explore more button, it will display the conservation page.

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/

Setup: Homepage has been loaded and user scroll down to the explore more button. (See Fig 7)

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|------|--------|-----------------|---------------|-----------|----------|
| 1 | On clicking the explore more button. (See Fig 7) | Will display the conservation page. (See Fig 8) | | | |

Test #3:

Purpose: [REQ 5] In the nav bar on the top of the page, upon clicking the conservation button it will show the conservation page.

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/

Setup: Homepage has been loaded and user view or clicks the nav bar. (See Fig 9)

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|------|--------|-----------------|---------------|-----------|----------|
| 1 | On clicking the conservation button on the nav bar. | Will display the conservation page. (See Fig 8) | | | |

## Mohak

Test #1:

  Purpose: To test requirement [Add to Cart] Button

    Tools: Internet connection, latest Chrome browser, Server Operational,
https://ugdev.cs.smu.ca/~group23E/client/store.html

   Setup: Store page has been loaded.

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|------|--------|-----------------|---------------|-----------|----------|
| 1 | Scroll down to an item of choice and click on the item. Then Click "add to cart" button. | The number next to it showing the quantity should increment by the number of times you click plus. See fig 10 with an item added | | | |

Test #2:

  Purpose: To test requirement [Minus] Button

    Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/store.html

   Setup: Store page has been loaded.

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|------|--------|-----------------|---------------|-----------|----------|
| 1 | Scroll down to an item that you already added and click on it then click on the "-" button next to it | The number next to it showing the quantity should decrement by the number of times you click minus until it reaches 0. See fig 11 with an item removed | | | |

Test #3:

Purpose: To test requirement [Cart] Button Works

Tools: Internet connection, latest Chrome browser, Server Operational,
http://ugdev.cs.smu.ca/~group23E/client/store.html

Setup: Store page has been loaded.

| Step | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on Cart Button when no item is added to the cart | Nothing should happen. You should not get any Modal | | | |
| 2 | Click on Cart Button when 1 item is added to the cart | A Modal should appear showing only that item which you added with the correct price and quantity. See fig 12 with one item added | | | |
| 3 | Click on Cart Button when 2 or more items are added to the cart | A Modal should appear showing all the item which you added with the correct price and quantity. See Fig 13 with two items added. | | | |

## Joshua K

Test #1:

Purpose: To test requirement [REQ 5], feedback when form is incorrectly filled and "Send" button is clicked.

Tools: Internet connection, Chrome browser, Server Operational, http://ugdev.cs.smu.ca/~group23E/client/contact.html

Setup: load contact page and nothing else.

| Step # | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on "Send" button without filling the form. | Error message stating "Please fill out this field." pops up under the "First Name" input field, see fig 14. | | | |

Test #2:

Purpose: To test requirement [REQ 6], feedback when form is correctly filled and "Send" button is clicked.

Tools: Internet connection, Chrome browser, Server Operational, http://ugdev.cs.smu.ca/~group23E/client/contact.html

Setup: load contact page and nothing else.

| Step # | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on "Send" button after filling the form with valid information (see Table 2, for example information) | User is redirected to a thank you page, see Fig 15. | | | |

Test #3:

Purpose: To test requirement [REQ 7], clicking on "Submit Another Message" button.

Tools: Internet connection, Chrome browser, Server Operational, http://ugdev.cs.smu.ca/~group23E/client/contact.html

Setup: load contact page, contact form filled with valid information (see Table 2, for example information) and "Send" button clicked and nothing else.

| Step # | Method | Expected Result | Actual Result | PASS/FAIL | Comments |
|---|---|---|---|---|---|
| 1 | Click on "Submit Another Message" button. | User is redirected to contact page. | | | |

# Appendix

Table 1:

| Question | Answer |
|---|---|
| French village contains Canada's first _____ . | Natural Burial |
| Which of the fruits are French village known for? | Apple |
| Where would you take shelter if rain starts to fall during your visit? | St Paul's Anglican Church |

Table 2:

| Label | Information |
|---|---|
| First Name | Joshua |
| Last Name | Hudson |
| Email Address | Joshua.Hudson@email.com |
| Subject | Seeking information |
| Message | Want to know more about the French Village. |

Fig 1:



Fig 2:

**Fig 3:**



**Fig 4:**
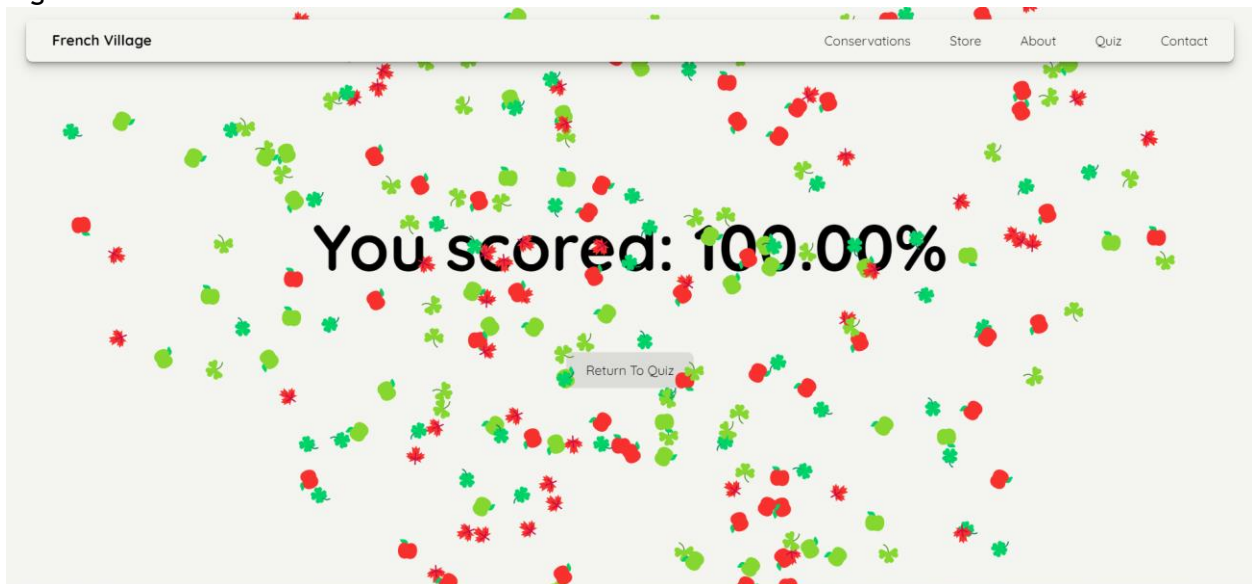
Fig 5:
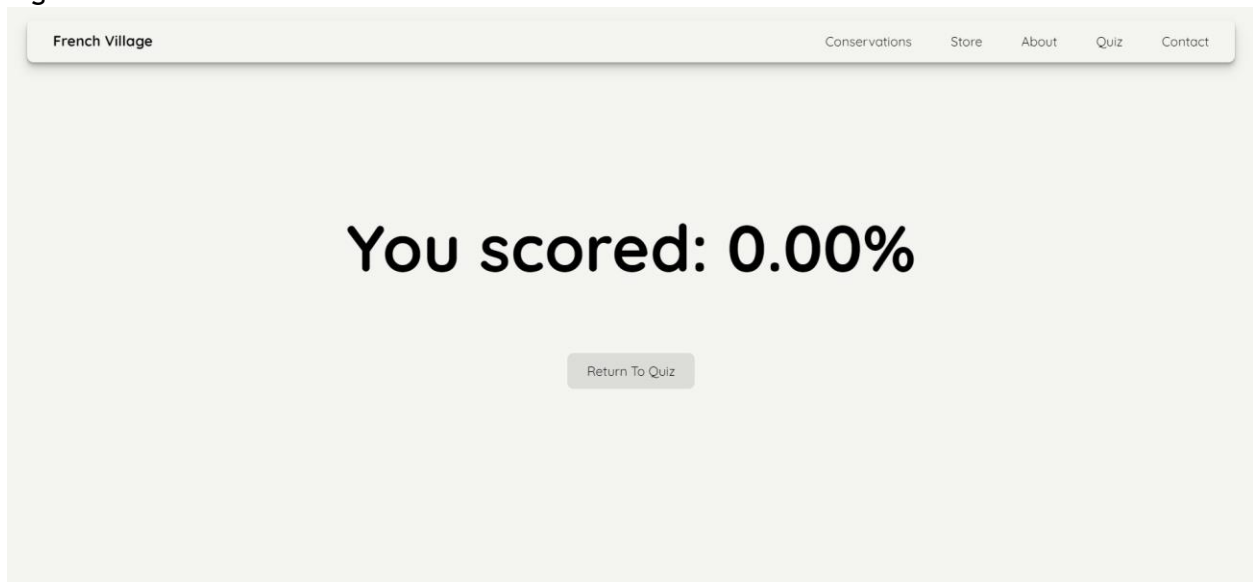


Fig 6:
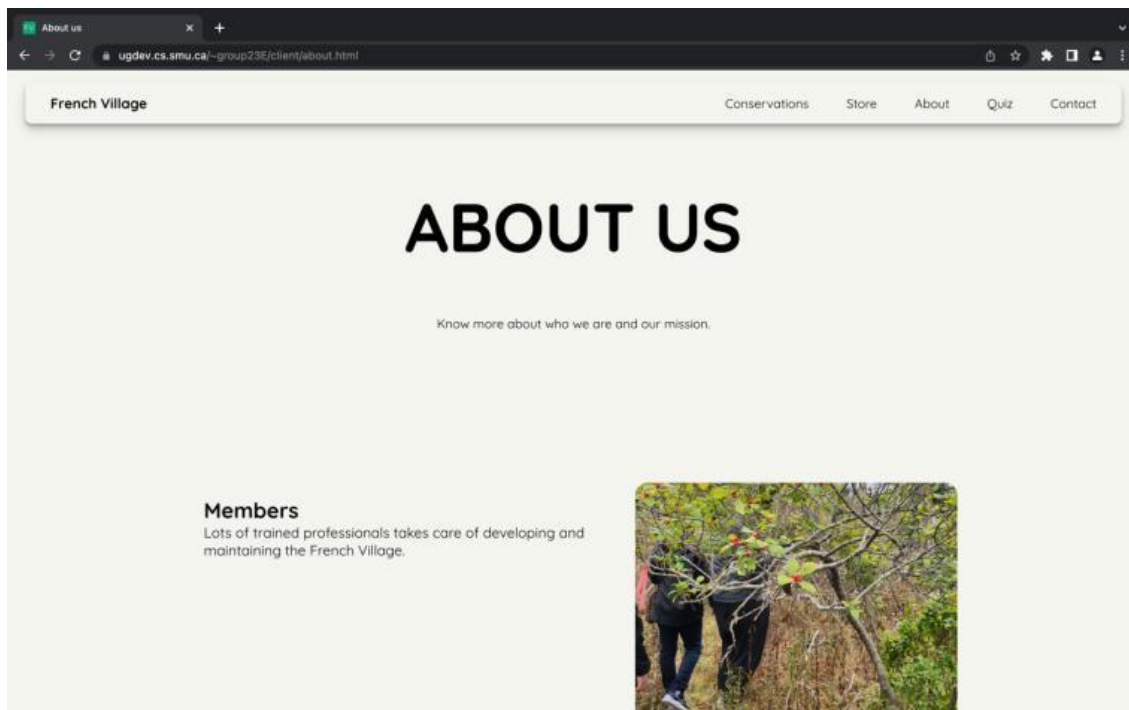
**Fig 7:**
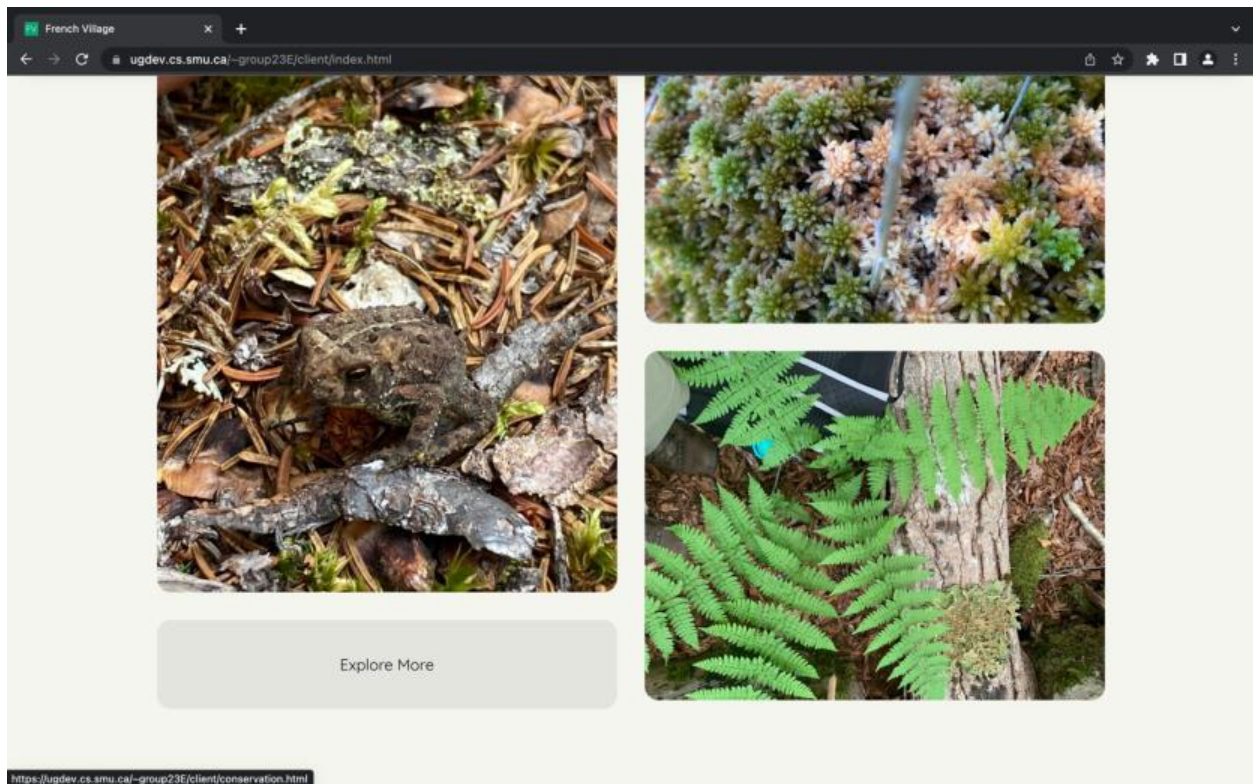


**Fig 8:**
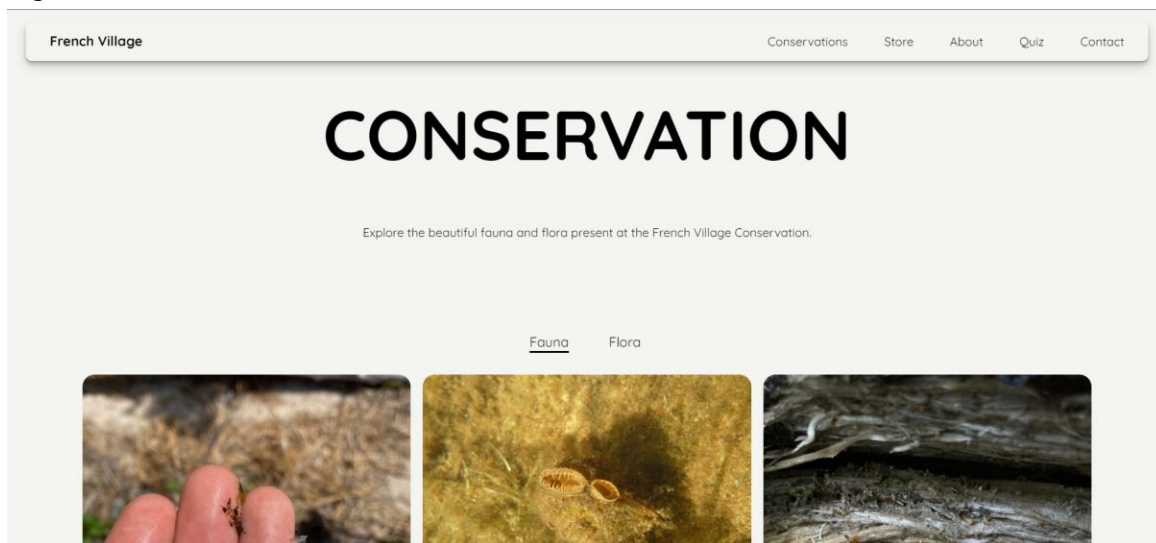
Fig 9:
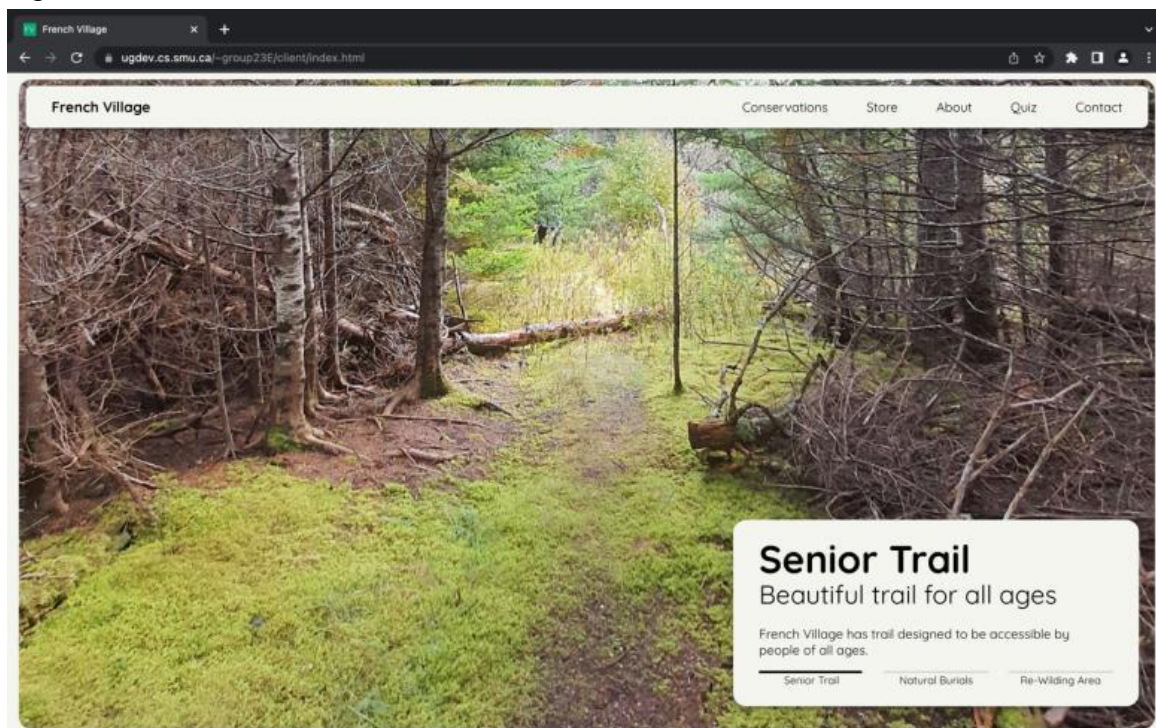


Fig 10:
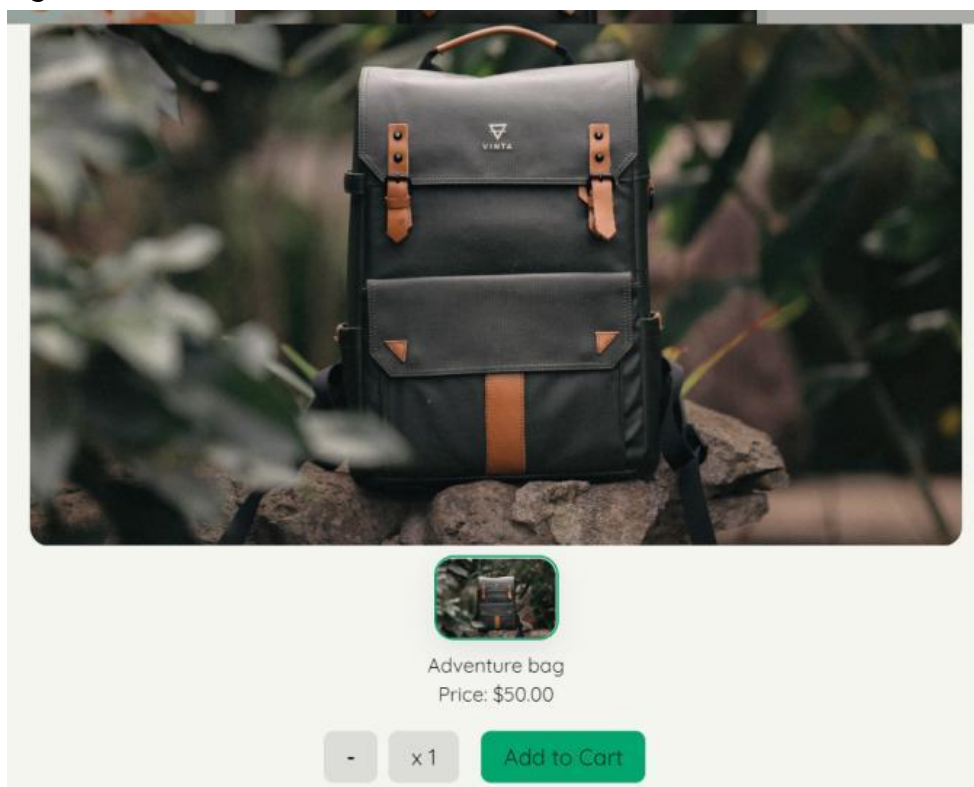
Fig 11:
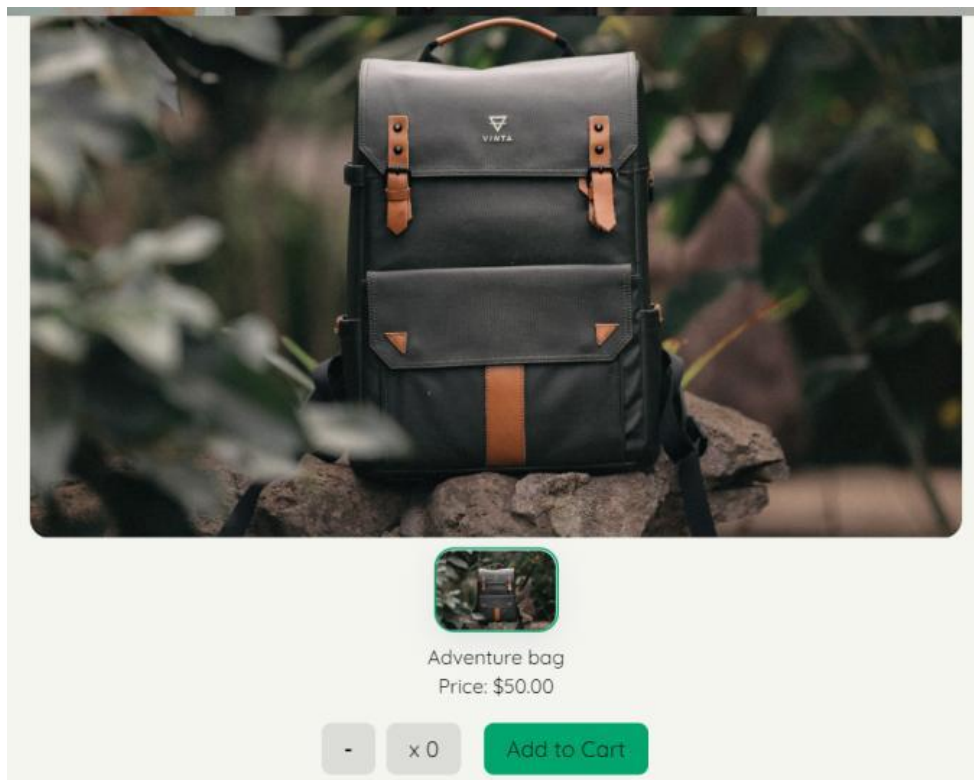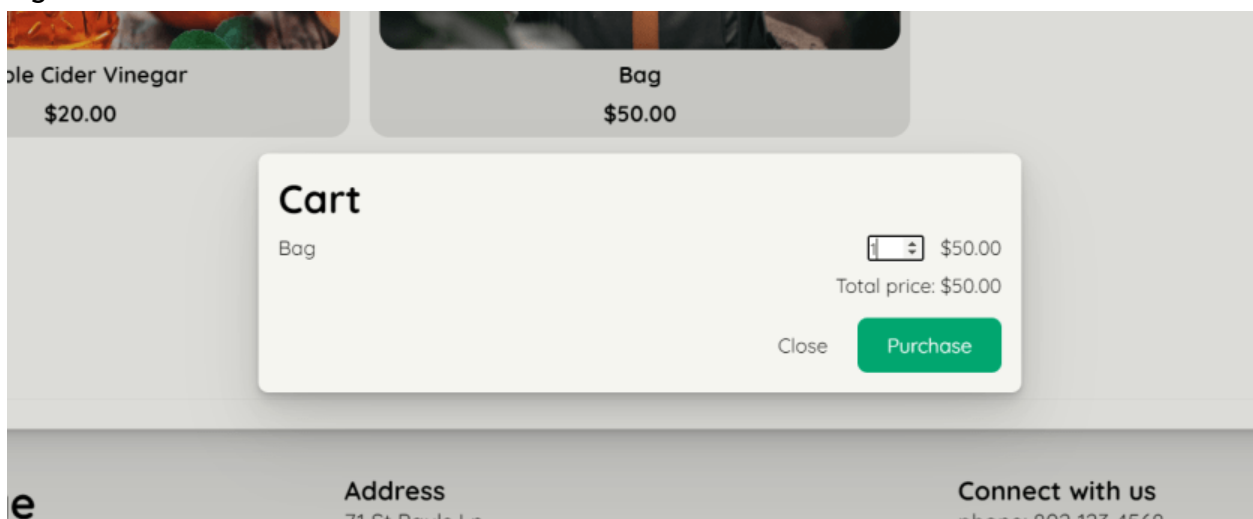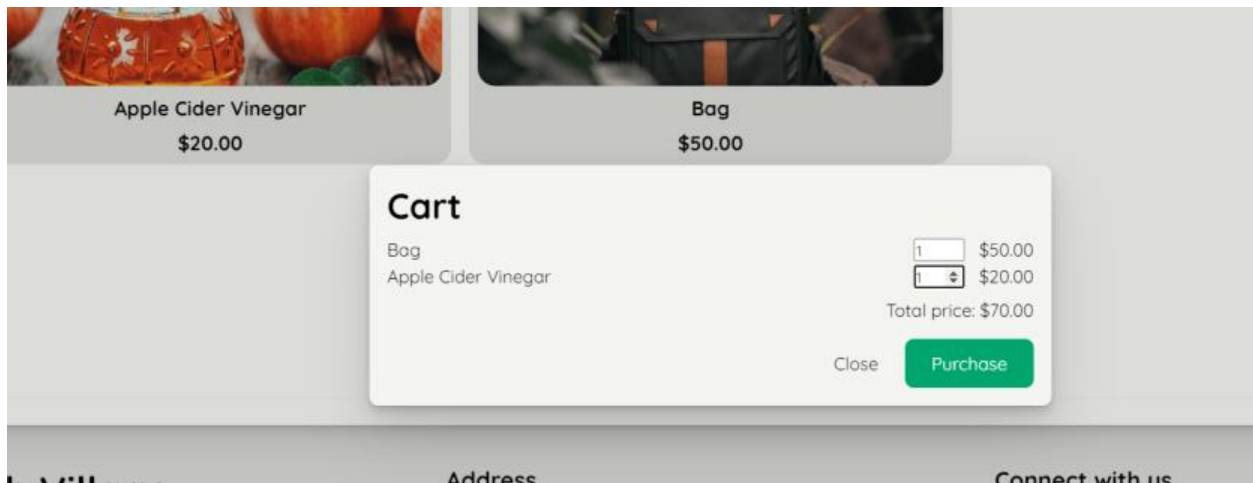


Adventure bag
Price: $50.00

- | x 0 | Add to Cart

Fig 12:



ple Cider Vinegar
$20.00

Bag
$50.00

**Cart**

Bag                                                  $50.00

Total price: $50.00

Close    Purchase

Address                          Connect with us
71 St Pauls Ln                   phone: 802 123 4568

**Fig 13:**



**Fig 14:**

**Fig 15:**

French Village

# THANK YOU

Your message has been sent. We will reply as soon as possible.

**Submit Another Message**

## French Village

French Village has an extensive amount of species and
activities for you to experience.
Want to quickly know some of the top species and
activities that we offer? Take the short quiz.

**Address**
71 St Pauls Ln,
French Village, NS B3Z 4E3

**Connect with us**
phone: 802 123 4568
Email: contact@frenchVillage.com

Facebook
Twitter
Youtube