

## **Milestone 5**

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**Title:** The Stockpile

**User Acceptance Test Plans:** We used Python and Selenium to test the functionality of our website. This will allow us to give commands that the user would during interaction such as clicking links and buttons as well as inputting into forms and submitting.

1. **Navbar Dropdown Feature:** In order to test this feature we used python and Selenium to give the command to click the dropdown and then click on each of the menu options. If each direct is to the correct product page, the feature is successful. There are five categories that link under the dropdown feature. We will test each one.
2. **Navbar Icon Links Feature:** Using Python and Selenium, we tested the icon links on the nav bar. We have two that need to be tested, the login and the cart. The tests will be performed as the dropdown feature tests were and screenshots are take to confirm intended results from the user interaction. The login icon should direct to the login form page. The cart icon should redirect to the current shopping cart.
3. **Image/Text Links Between Pages Feature:** Again, Selenium will take screenshots from before and after the commands to click the links are run. This will also be testing the queries that populate the product information because it is through these queries that the correct links are generated for each product. We will test this through the different layers of products from home -> category products -> individual product -> related products. The screenshots will ensure that the user interaction will produce the intended action, linking correctly based on the current information populated by the query.
4. **Login Feature:** We will be using Python and Selenium to populate the login email and password and then click the login button. This will also take screenshots of the blank form, the filled form, and the resulted linked page showing account management information. The screenshots will confirm if our feature is functioning as intended.

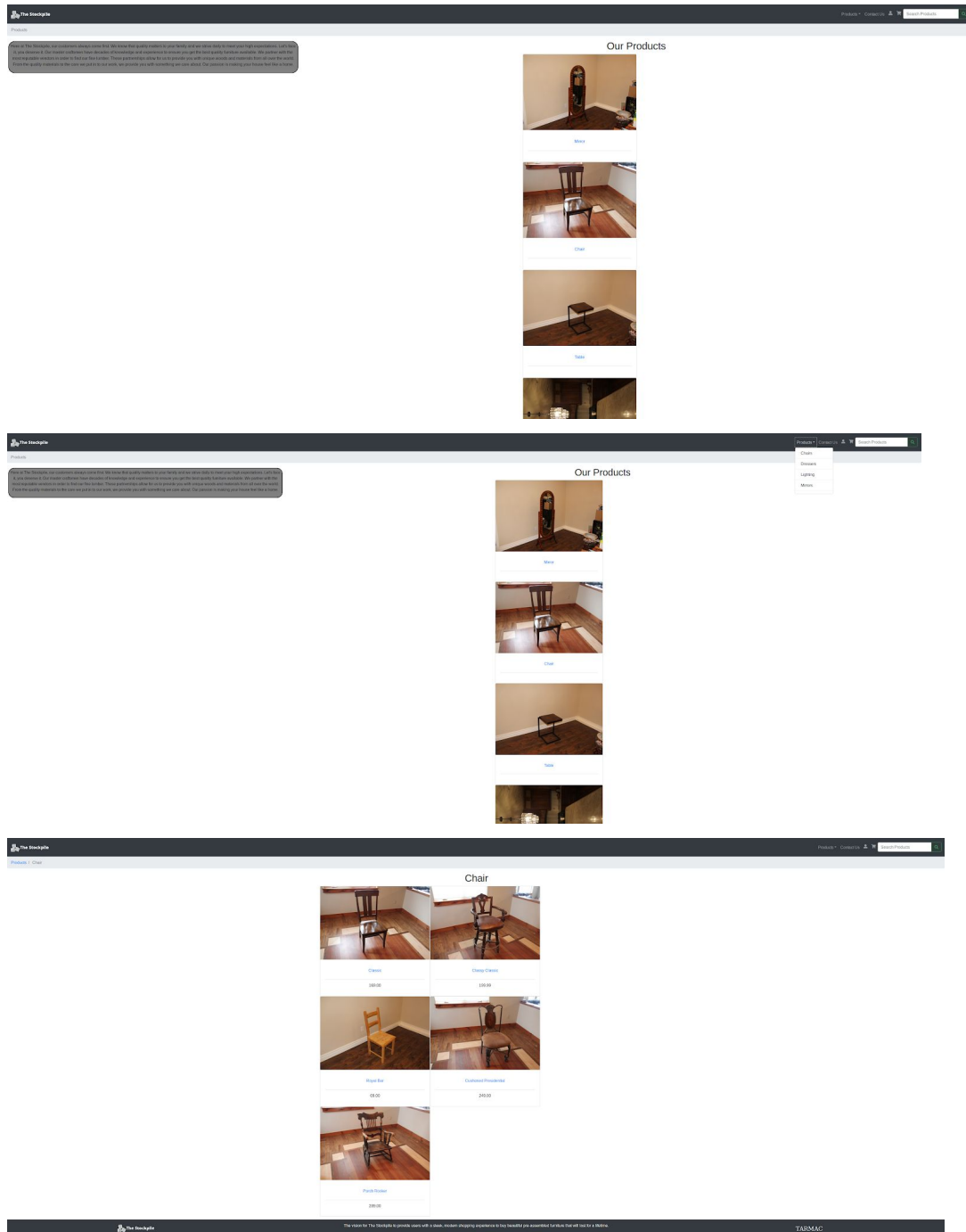
**Automated Test Cases:** We used Selenium with the Firefox (gecko) driver. This required getting the proper driver installed as well as Selenium. We used python to write the scripts for Selenium to execute for our tests. The tests needed a driver (gecko) and commands to test objects on our pages. These commands allow for inserting into forms as well as navigation through clicking. We also included screenshot commands to capture the webpage before and after the action. This allows us to ensure that the user actions work as intended.

**Link to Feature Testing Code and Screenshots:** This link directs to the folder that holds the .py file used for testing with Selenium as well as the screenshots taken during the tests.

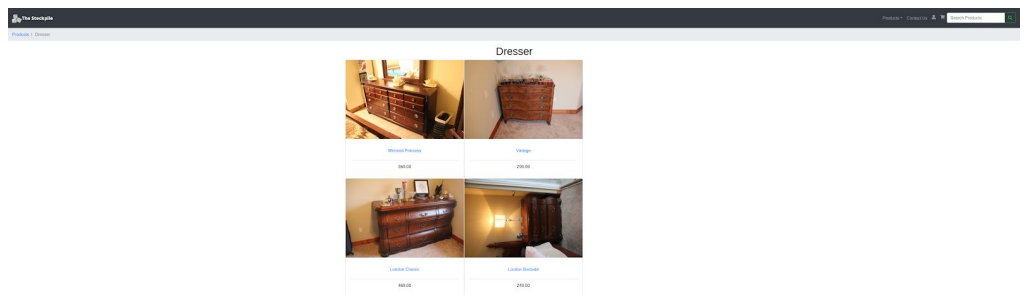
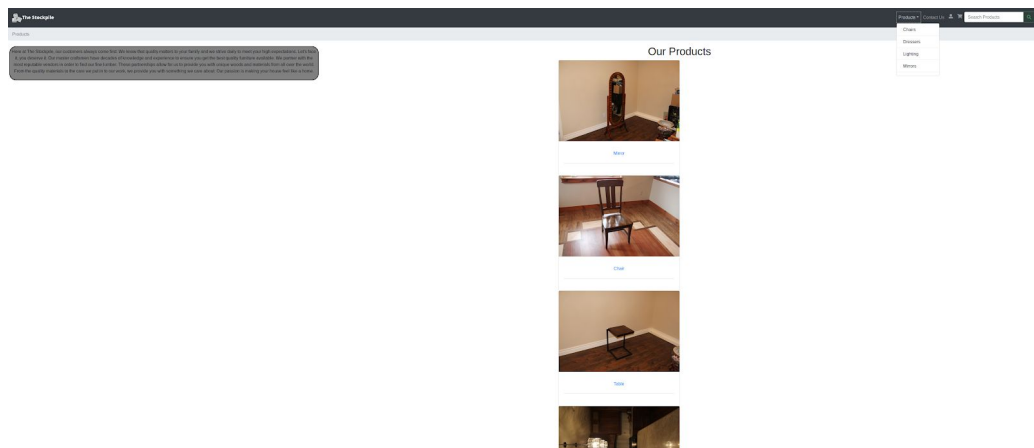
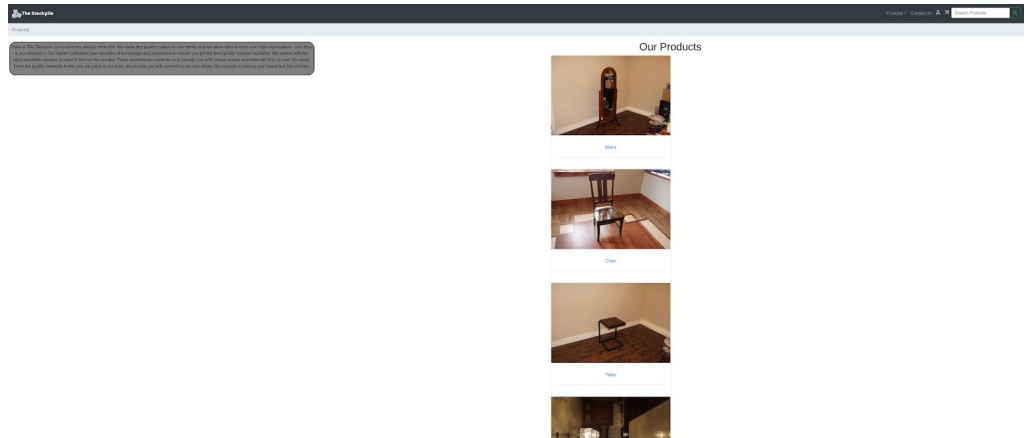
[https://github.com/bensont/TARMAC\\_TheStockpile/tree/master/Testing\\_ScreenShots](https://github.com/bensont/TARMAC_TheStockpile/tree/master/Testing_ScreenShots)

**Dropdown Feature:** To save space have only included two sets of images of the five tests. All of these test screenshots can be found following the link to [this](#) folder in our repository.

## Test One: Chairs

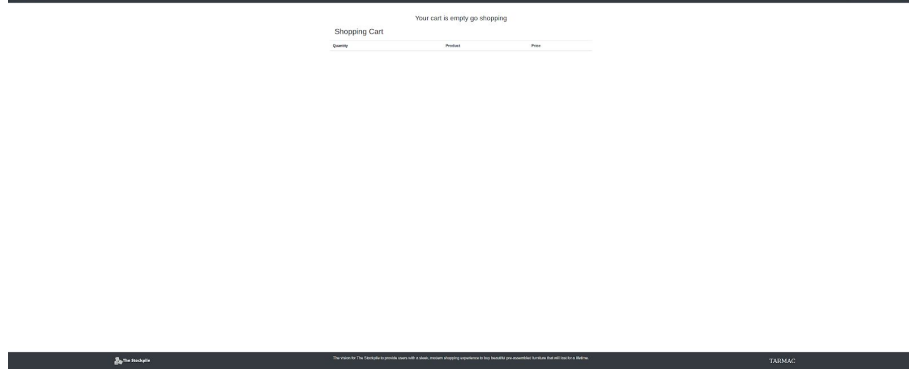
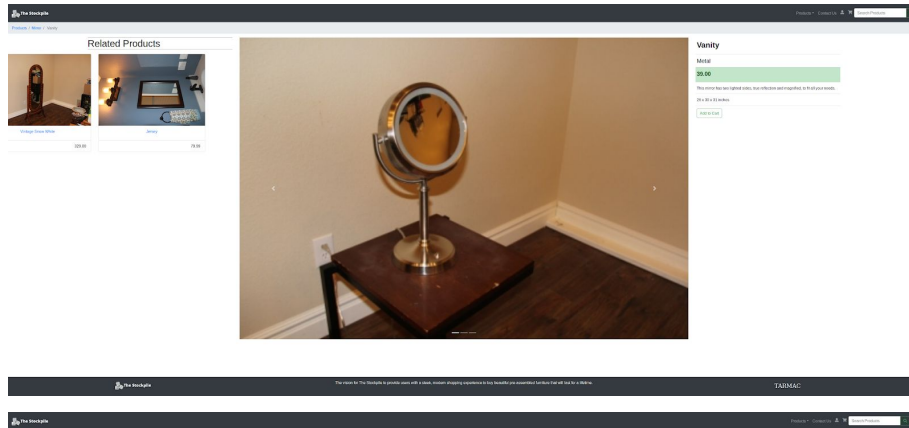


## Test Two: Dressers

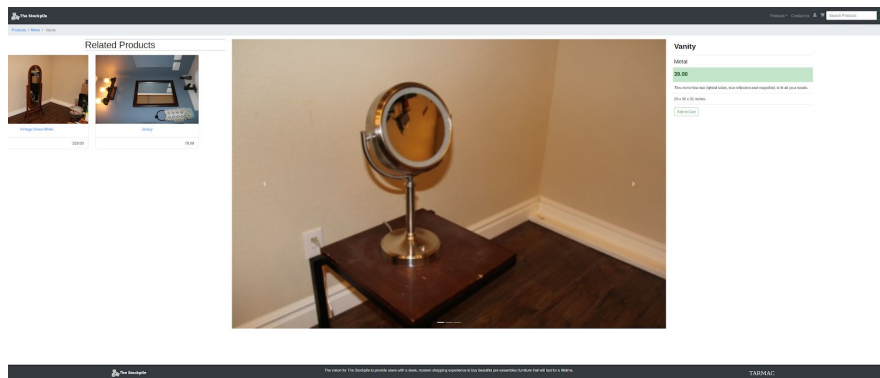


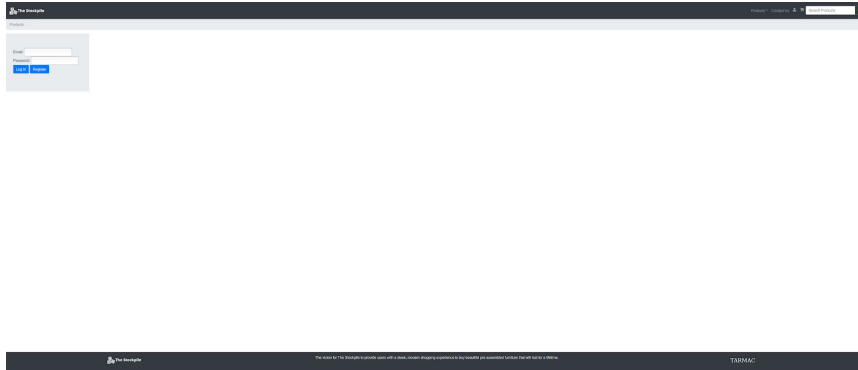
## Icon Links Feature:

### Test 1: Cart



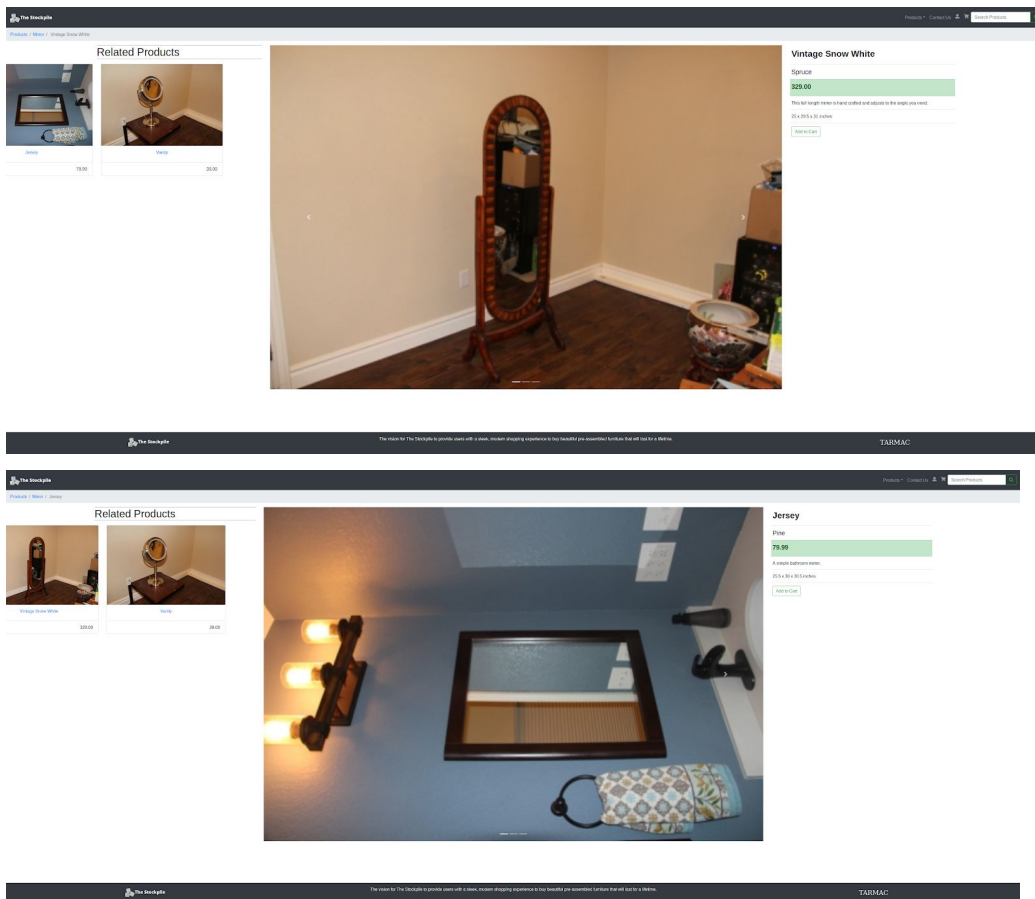
### Test 2: Account





**Image/Text Links Feature:** To save space have only included two sets of images of the many link tests. All of these test screenshots can be found following the link to [this](#) folder in our repository.

## Test 1: Related Products



## Test 2: Category Image Links

[illegible]

Login Feature:

Test 1: Login with credentials email: [test@test.com](mailto:test@test.com) password: test

