Milestone 5

Team Members: Alex Kennedy, Ahman Woods, Rebecca Donohoe, Maureen Aubrey, Colin Craighead, and Tyler Benson

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.
5. **Admin Pages:** Unlike the rest of the test cases the admin pages will be test manually by a user using user acceptance testing. This testing will include going through different functions of the website and check if they work. The tests on page 9 are what the testing would look like and how the user might add comment to inform the developer of what is broken.

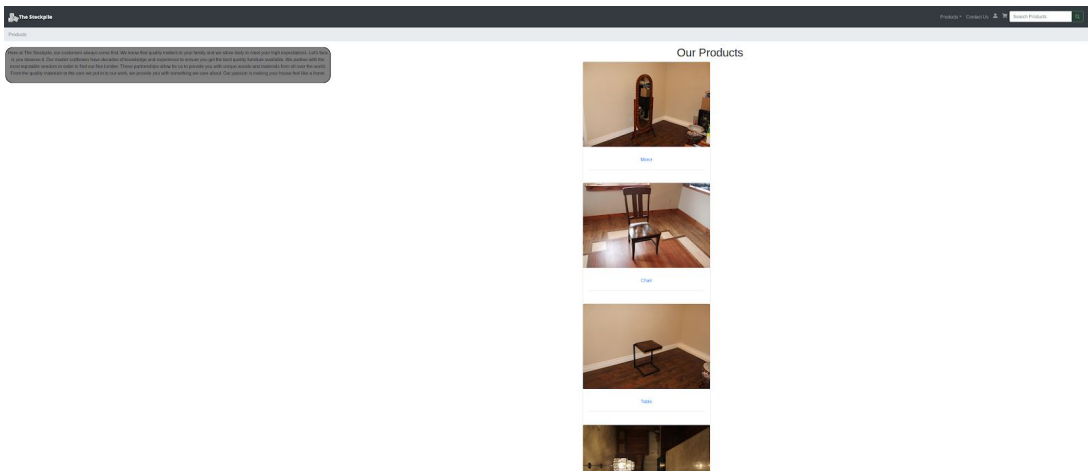
Automated Test Cases: We used Selenium with the Firefox (gecko) driver. This required getting the proper driver installed as well as Selenium. We used python to write the scripts for

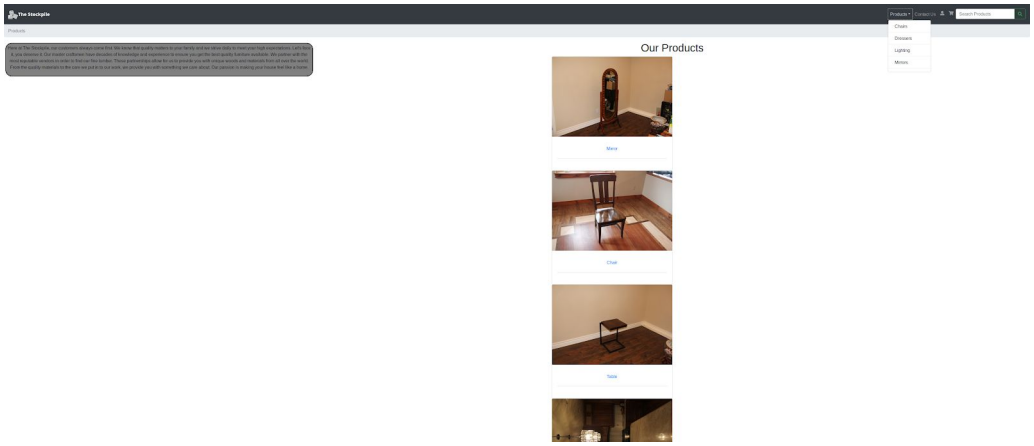
Selenium to execute for our tests. The tests needed a driver (gecko) and commands to test objects on our pages. These commands allow for inserting into forms as well as navigation through clicking. We also included screenshot commands to capture the webpage before and after the action. This allows us to ensure that the user actions work as intended.

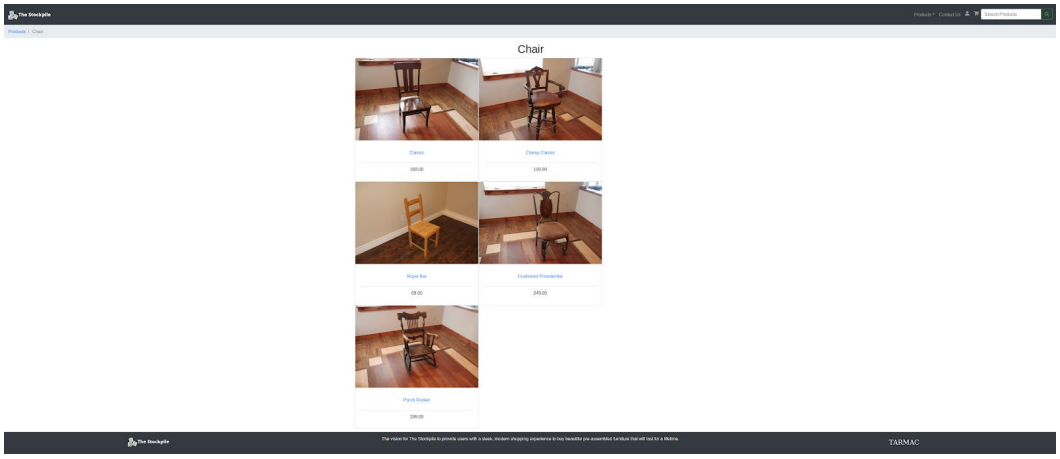
Link to Feature Testing Code and Screenshots: This link directs to the folder that holds the .py file used for testing with Selenium as well as the screenshots taken during the tests. https://github.com/bensont/TARMAC_TheStockpile/tree/master/Testing_ScreenShots

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.

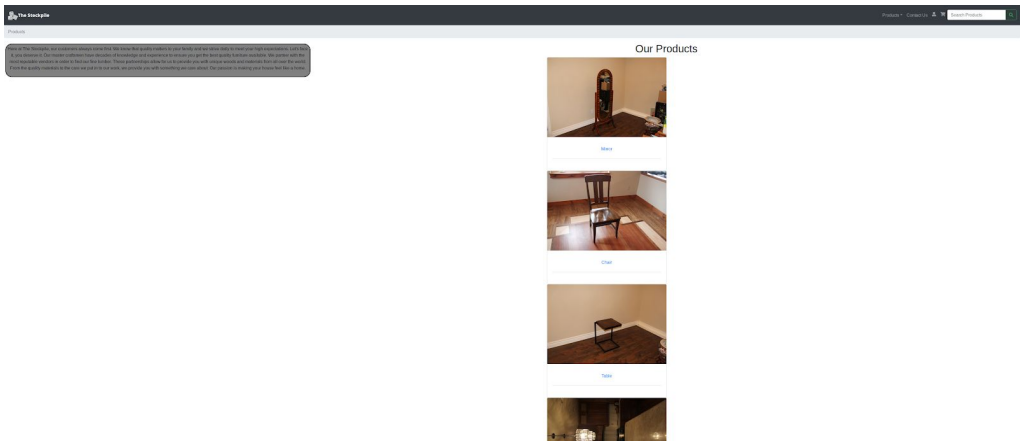
Test One: Chairs

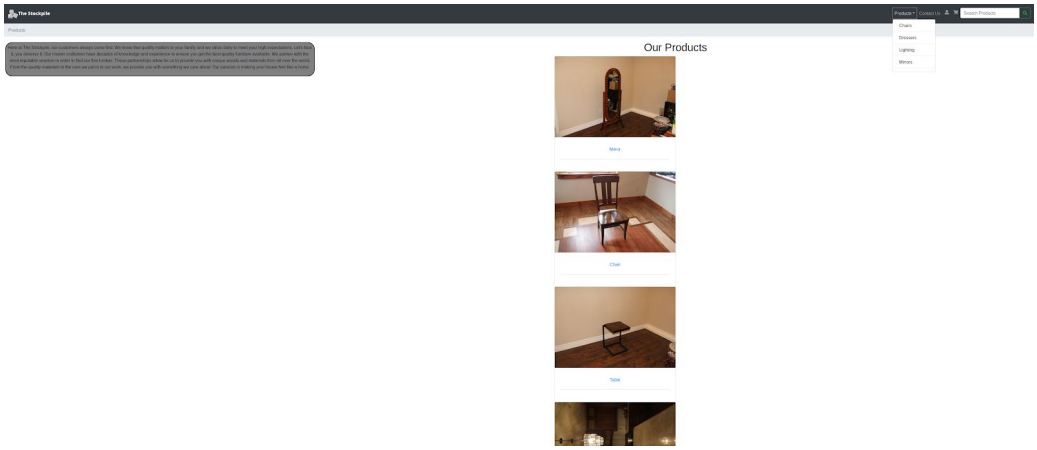


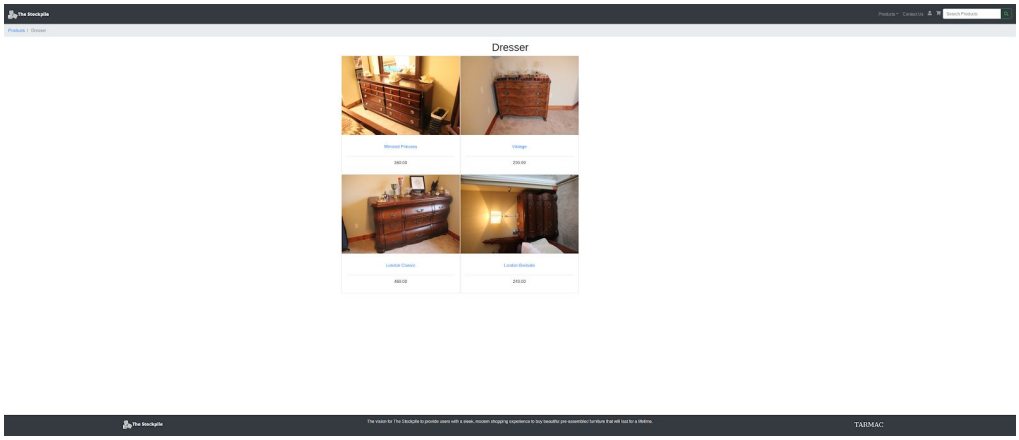




Test Two: Dressers

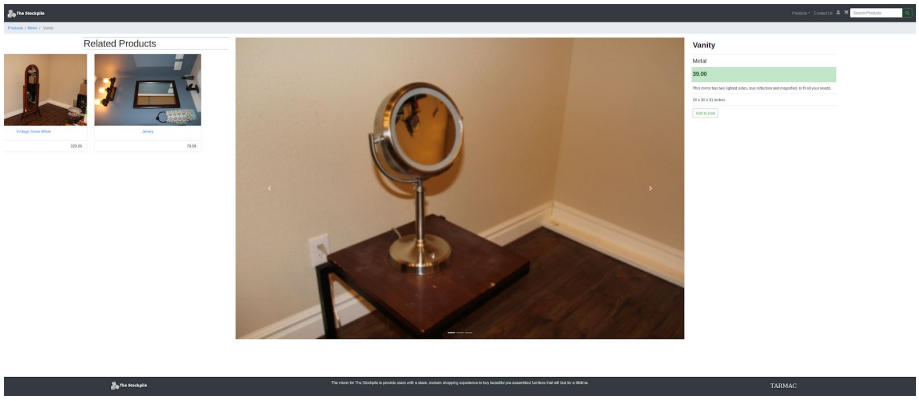


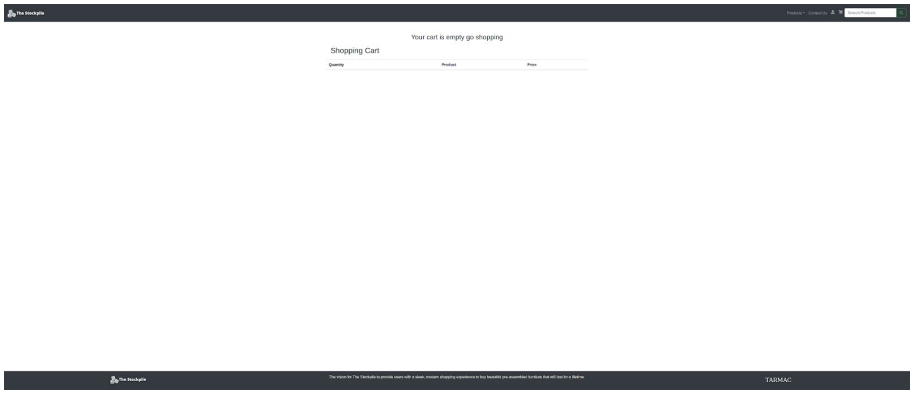




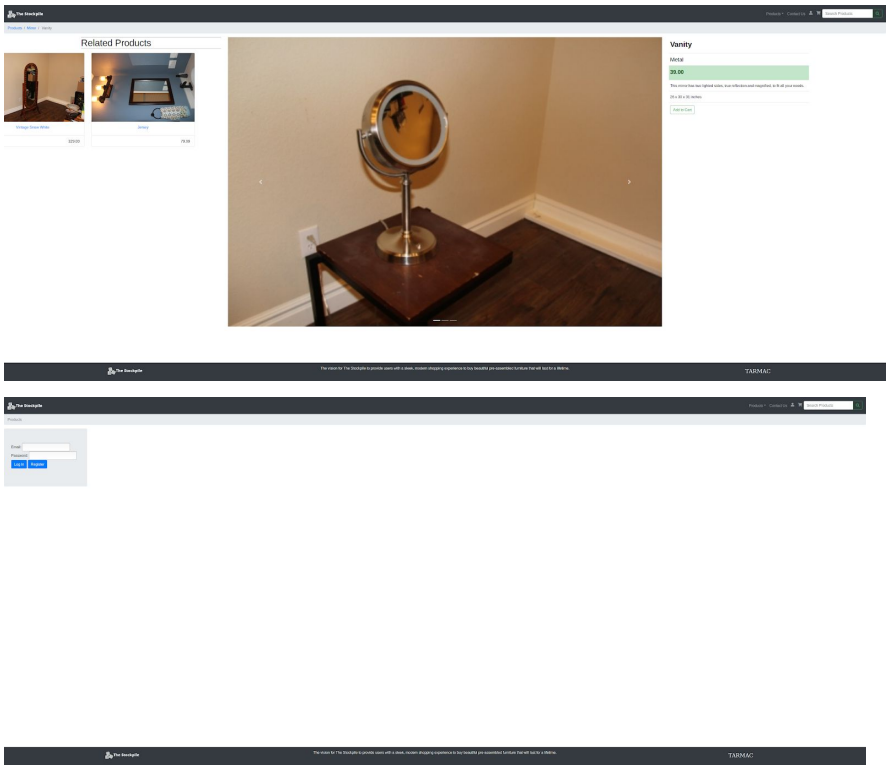
Icon Links Feature:

Test 1: Cart



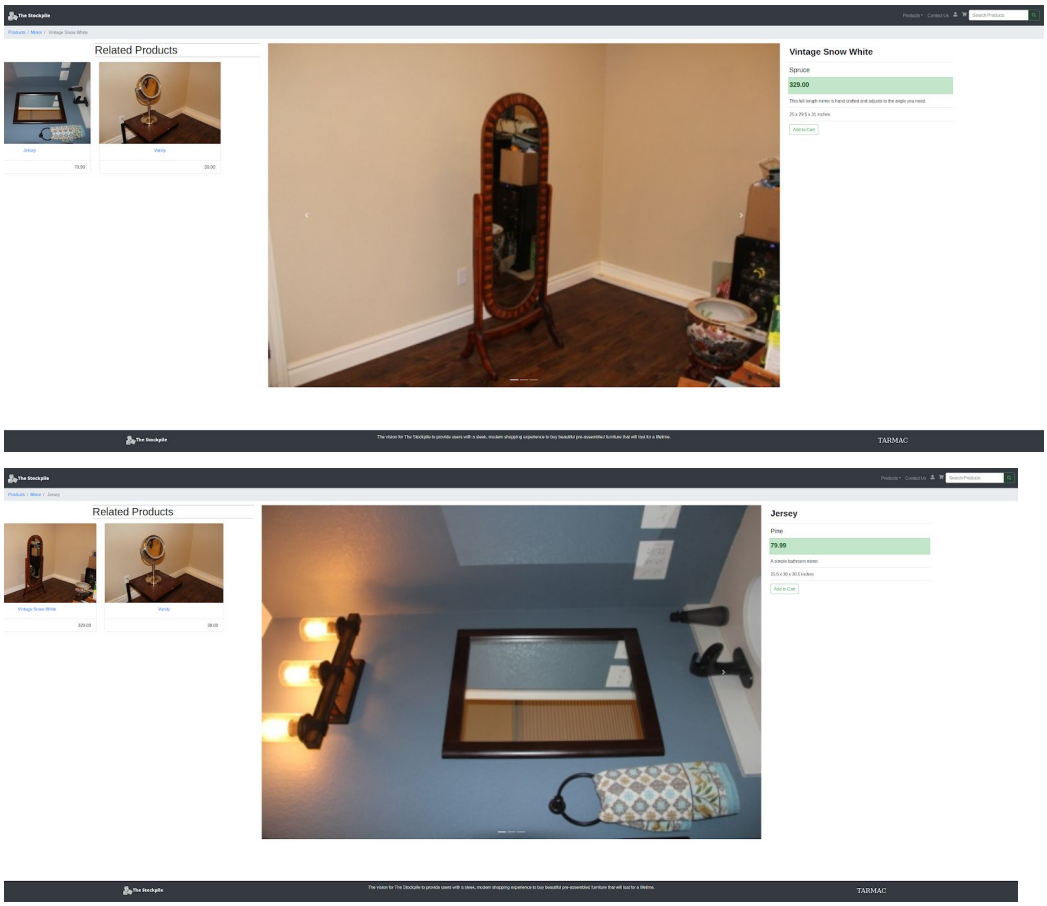


Test 2: Account

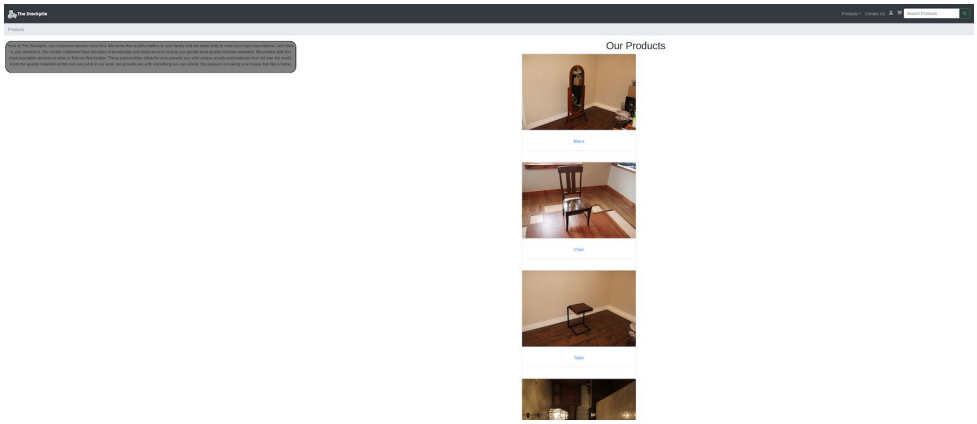


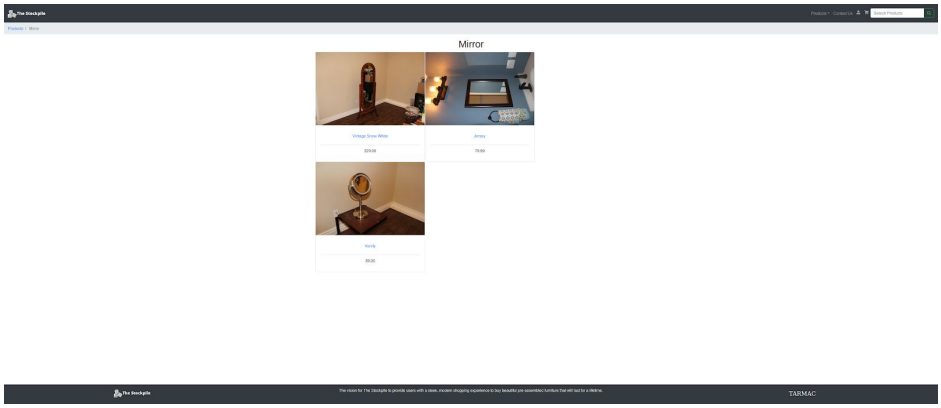
<u>Image/Text Links Feature:</u> To save space have only included two sets of images of the many link tests. All of these test screenshots can be found following the link to [this] folder in our repository.

Test 1: Related Products



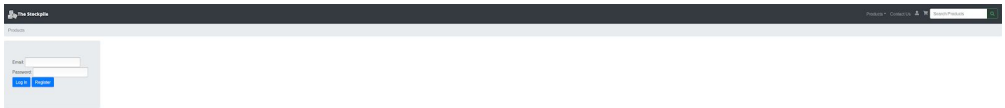
Test 2: Category Image Links

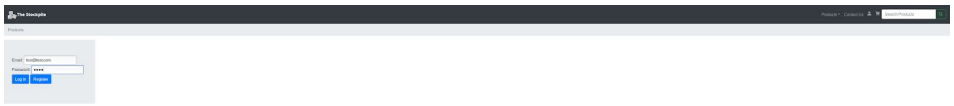


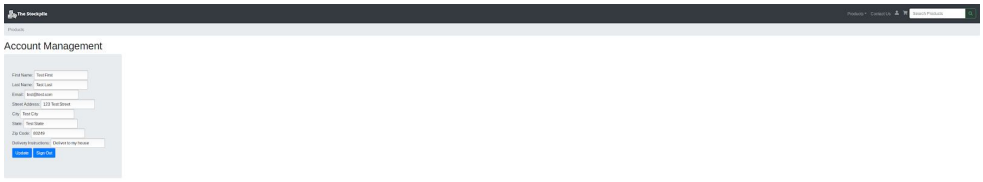


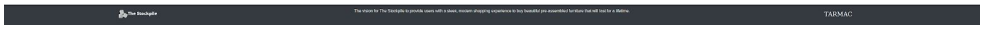
Login Feature:

Test 1: Login with credentials email: test@test.com password: test









User Acceptance Test Plan For the Admin Section
The user acceptance Test plan is for a user to run through the test in the admin pages. This also includes for the user to take the time and give results back in which the developers can use to fix bugs in the code.

However there is not automated testing for the admin pages. In the future this will be added and in turn testing should become faster.

Here is a filled out version of the test gives a brief idea of the functions and buttons that the admin page should work.

Image will be at the back to compare the results to when one do these test

Can the user login into the admin page given admin login info

Test	What should happen	Pass or Fail, what happened?
Login in the correct username and password for admin pages	The website should direct you to the home page of the admin pages, Something resembling Image 1)	Fail, as it does log you in and access to the admin home page, it doesn't direct you to it. Also you can still access other pages
Login in with incorrect username	The login page should not direct you home page of the admin pages	Pass
Login in with incorrect password	The login page should not direct you home page of the admin pages	Pass

The sidebar and top bar*

Test	What should happen	Pass or Fail, what happened?
Click on the small man on the top right corner	When one clicks the icon you will go to the home page. It will will look like Image 1	Pass
Once you clicked the small man on the top right corner, click "The Stockpile" button	When one clicks the icon you will go to the home page. It will will look like Image 1	Pass

Click the “Restock Items” in the sidebar from the homepage	When one you click the button, the restock page should appear on one's screen. I should look like Image 2.	Pass
Click “Add Product” in the sidebar from the homepage	When one clicks the button, the “add product” page should appear. It should look like Image 3	Pass
Add a product to the database In each box given, write what is given in each 1. Name: Test 1 2. Brand: Test Brand 1 3. Type: “Dresser” 4. Cost: 32.00 5. Materials: Metal, Plastic 6. Picture Name 1: image4.jpg 7. Picture Name 2:image4b.jpg 8. Picture Name 3: image4c.jpg 9. Quantity: 2 10. Description: Test product 11. Dimensions: 40x 40 x 40	When you click add, the items will clear from the boxes and green text will appear at the top of the screen. The screen should look like that of image 5.	Pass
Try to add a product to the database In each box given, write what is given in each 1. Name: Test product 2 2. Brand: Test Brand 1 3. Type: “Dresser”	When you click add, the items in the boxes will not clear but error statements will pop up above the boxes stating where on forgot to fill. It should look similar to image 6.	Pass
Click “List of Users” in the sidebar from the homepage	When one clicks the button, the “add product” page should appear. It should look	Pass

	like Image 4	
Click “List of Items” in the sidebar from the homepage	When one clicks on the button, the “List of Items” page should appear. It should look like Image 7	Pass
Click on the edit button in the row of the item one created earlier.	When one clicks on the button, one will get the edit page of that item. One can edit the items in that page.	Pass
Click the delete item	Go back to the “List of Items” page through the side bar and with the item you made hit the delete button. A thing will fall from the screen and you will click yes(Image 9). After that the Item shall no longer be on the page and should look like Image 10.	Pass

*Homepage is Image 1, one can get to it by click “The Stockpile” logo and text or small image of the man in top right corner

Images of the Admin Pages

Image 1:

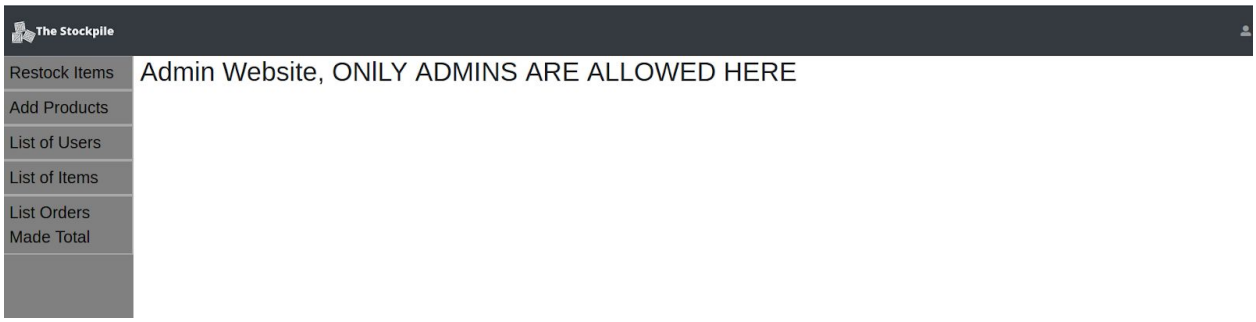


Image 2:

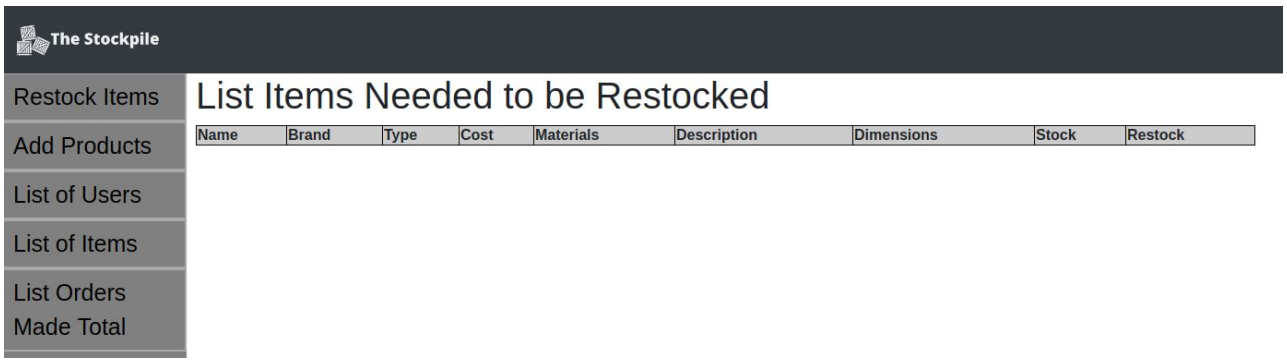


Image 3:

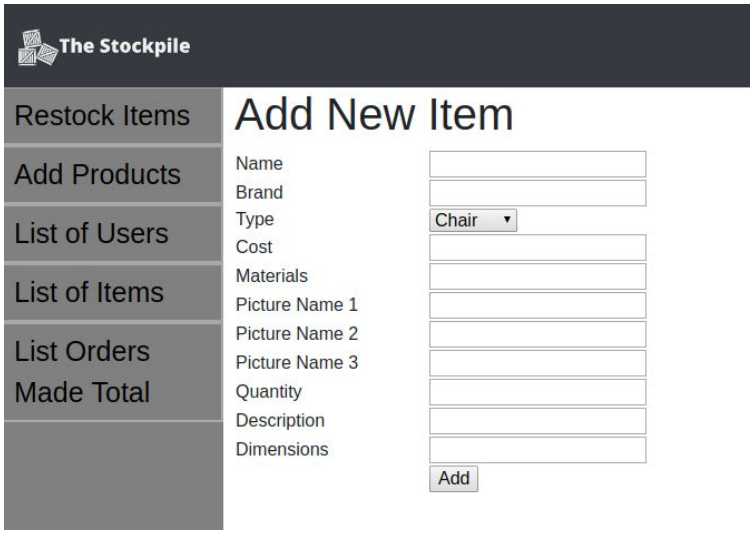


Image 4:

The Stockpile

Restock Items
Add Products
List of Users
List of Items
List Orders Made Total

Store listing

Last Name,First Name	email	Permission Level	Street Address	City	State/Provience	Country	Zip Code	Delivery Instructions	Time Created
admin,admin	spiderman@marvelheroes.org	admin	54 Red Street	New York City	New York	United States	10027	Drop on porch	Sun Dec 02 2018 18:31:54 GMT+0000 (Coordinated Universal Time)
Banner,Bruce	hulk@marvelheroes.org	customer	123 Green Street	Dayton	Ohio	United States	45377	Drop on porch	Sun Dec 02 2018 18:31:54 GMT+0000 (Coordinated Universal Time)
Stark,Anthony	ironman@marvelheroes.org	customer	456 Red Lane	Long Island	New York	United States	11101	Signature required	Sun Dec 02 2018 18:31:54 GMT+0000 (Coordinated Universal Time)
Rogers,Steve	captainamerica@marvelheroes.org	customer	159 Blue Drive	New York City	New York	United States	10087	Call before delivery	Sun Dec 02 2018 18:31:54 GMT+0000

Image 5:

The Stockpile

Restock Items
Add Products
List of Users
List of Items
List Orders Made Total

Add New Item

Data added successfully!

Name
Brand
Type Chair
Cost
Materials
Picture Name 1
Picture Name 2
Picture Name 3
Quantity
Description
Dimensions

Add

Image 6:

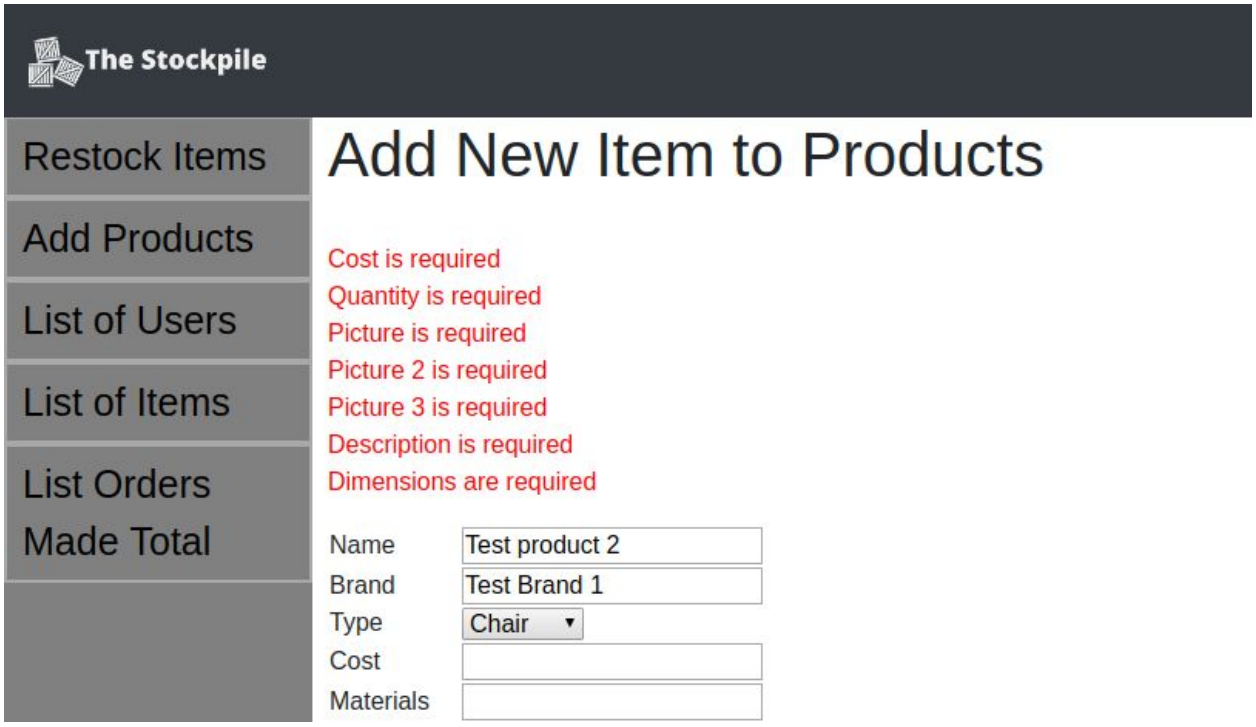
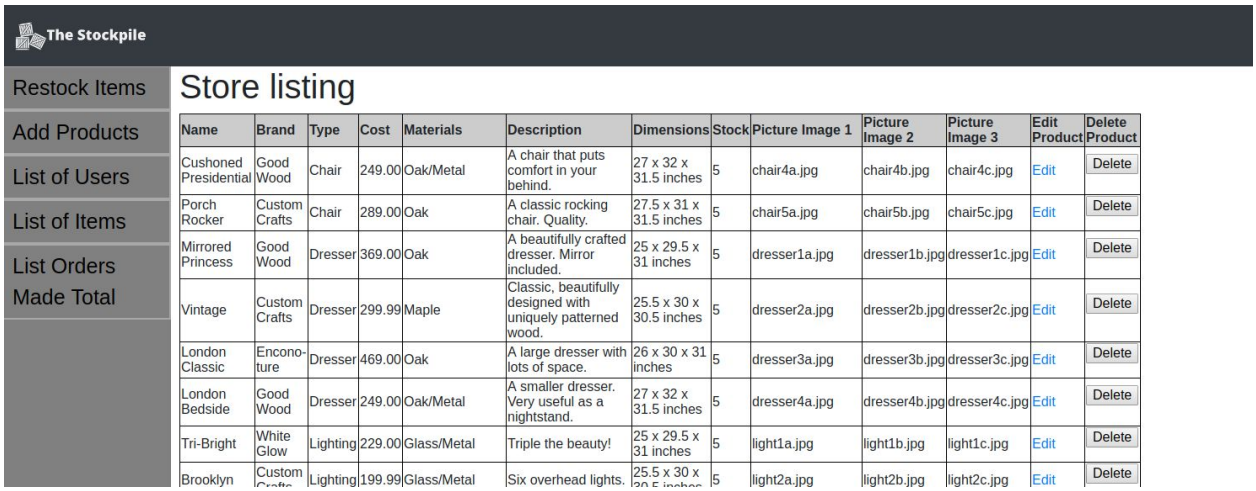


Image 7:



Name	Brand	Type	Cost	Materials	Description	Dimensions	Stock	Picture Image 1	Picture Image 2	Picture Image 3	Edit Product	Delete Product
Cushoned Presidential	Good Wood	Chair	249.00	Oak/Metal	A chair that puts comfort in your behind.	27 x 32 x 31.5 inches	5	chair4a.jpg	chair4b.jpg	chair4c.jpg	Edit	Delete
Porch Rocker	Custom Crafts	Chair	289.00	Oak	A classic rocking chair. Quality.	27.5 x 31 x 31.5 inches	5	chair5a.jpg	chair5b.jpg	chair5c.jpg	Edit	Delete
Mirrored Princess	Good Wood	Dresser	369.00	Oak	A beautifully crafted dresser. Mirror included.	25 x 29.5 x 31 inches	5	dresser1a.jpg	dresser1b.jpg	dresser1c.jpg	Edit	Delete
Vintage	Custom Crafts	Dresser	299.99	Maple	Classic, beautifully designed with uniquely patterned wood.	25.5 x 30 x 30.5 inches	5	dresser2a.jpg	dresser2b.jpg	dresser2c.jpg	Edit	Delete
London Classic	Encono-ture	Dresser	469.00	Oak	A large dresser with lots of space.	26 x 30 x 31 inches	5	dresser3a.jpg	dresser3b.jpg	dresser3c.jpg	Edit	Delete
London Bedside	Good Wood	Dresser	249.00	Oak/Metal	A smaller dresser. Very useful as a nightstand.	27 x 32 x 31.5 inches	5	dresser4a.jpg	dresser4b.jpg	dresser4c.jpg	Edit	Delete
Tri-Bright	White Glow	Lighting	229.00	Glass/Metal	Triple the beauty!	25 x 29.5 x 31 inches	5	light1a.jpg	light1b.jpg	light1c.jpg	Edit	Delete
Brooklyn	Custom Crafts	Lighting	199.99	Glass/Metal	Six overhead lights.	25.5 x 30 x 30.5 inches	5	light2a.jpg	light2b.jpg	light2c.jpg	Edit	Delete

Image 8:

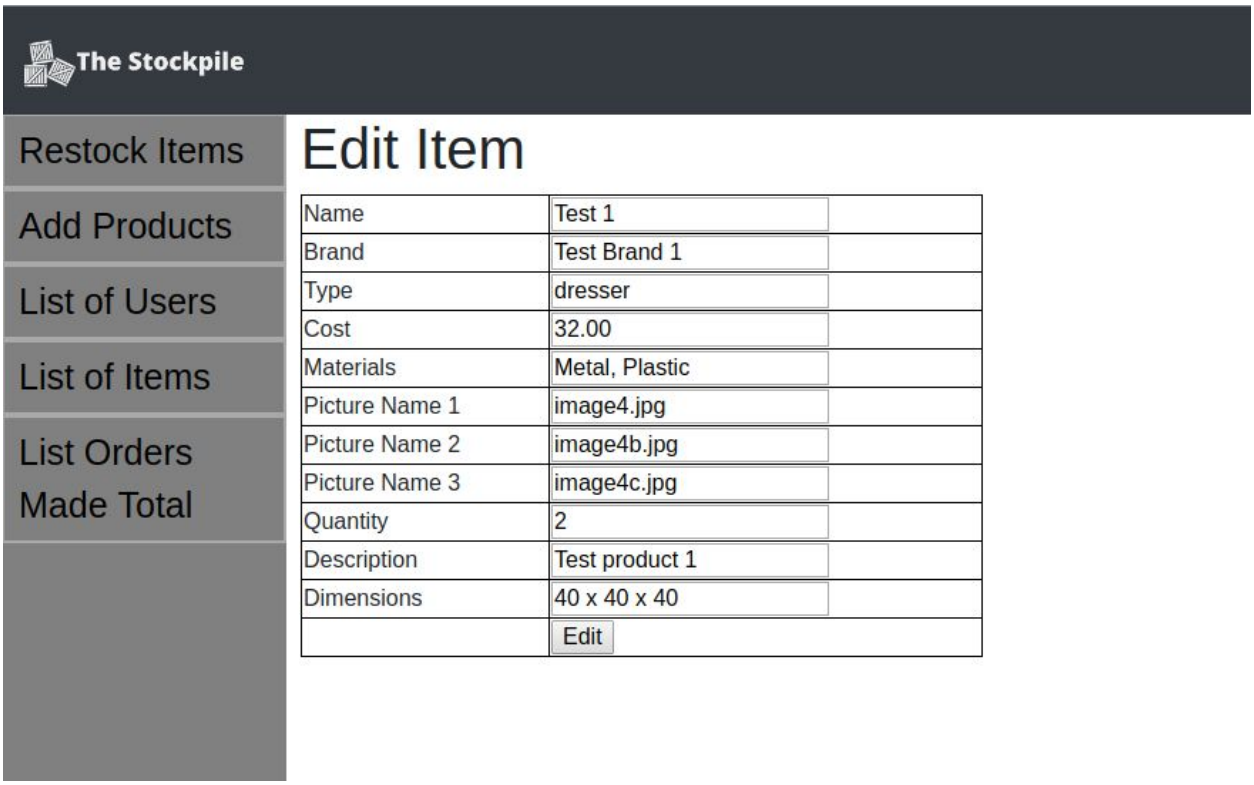
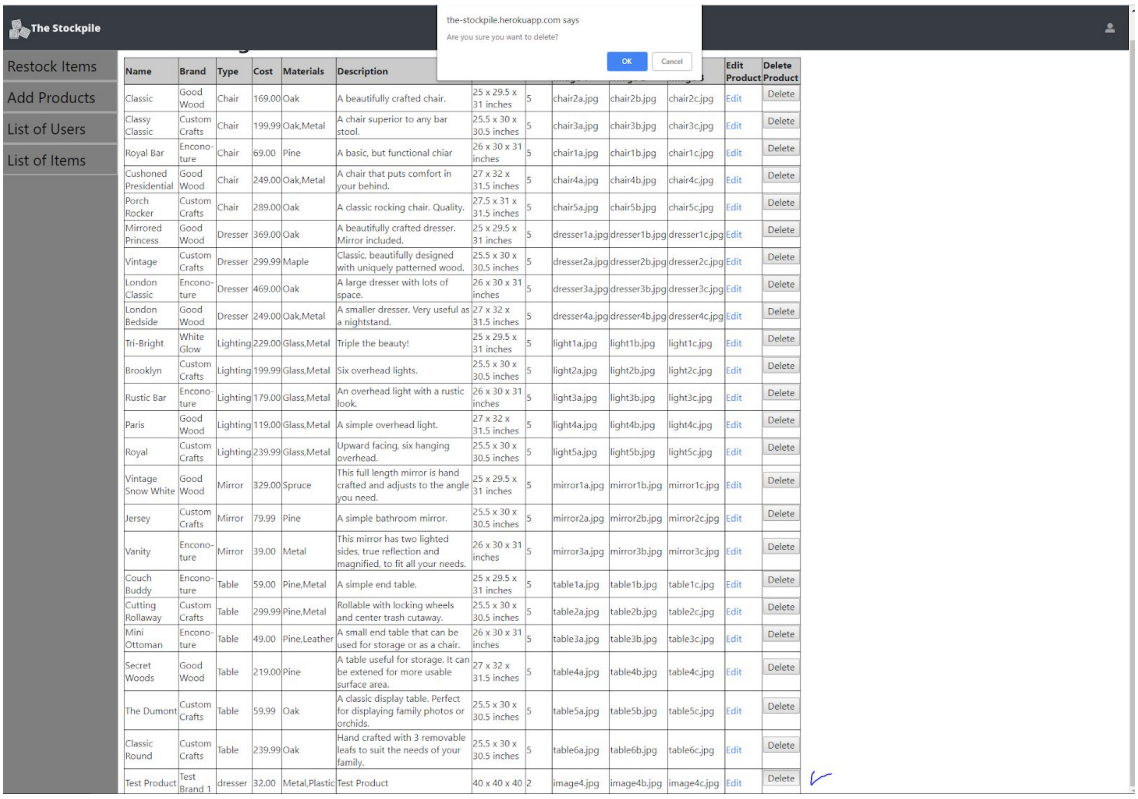


Image 9:



Name	Brand	Type	Cost	Materials	Description						Edit Product	Delete Product
Classic	Good Wood	Chair	169.00	Oak	A beautifully crafted chair.	25 x 29.5 x 31 inches	5	chair2a.jpg	chair2b.jpg	chair2c.jpg	Edit	Delete
Classy Classic	Custom Crafts	Chair	199.99	Oak,Metal	A chair superior to any bar stool.	25.5 x 30 x 30.5 inches	5	chair3a.jpg	chair3b.jpg	chair3c.jpg	Edit	Delete
Royal Bar	Encono-ture	Chair	69.00	Pine	A basic, but functional chiar	26 x 30 x 31 inches	5	chair1a.jpg	chair1b.jpg	chair1c.jpg	Edit	Delete
Cushoned Presidential	Good Wood	Chair	249.00	Oak,Metal	A chair that puts comfort in your behind.	27 x 32 x 31.5 inches	5	chair4a.jpg	chair4b.jpg	chair4c.jpg	Edit	Delete
Porch Rocker	Custom Crafts	Chair	289.00	Oak	A classic rocking chair. Quality.	27.5 x 31 x 31.5 inches	5	chair5a.jpg	chair5b.jpg	chair5c.jpg	Edit	Delete
Mirrored Princess	Good Wood	Dresser	369.00	Oak	A beautifully crafted dresser. Mirror included.	25 x 29.5 x 31 inches	5	dresser1a.jpg	dresser1b.jpg	dresser1c.jpg	Edit	Delete
Vintage	Custom Crafts	Dresser	299.99	Maple	Classic, beautifully designed with uniquely patterned wood.	25.5 x 30 x 30.5 inches	5	dresser2a.jpg	dresser2b.jpg	dresser2c.jpg	Edit	Delete
London Classic	Encono-ture	Dresser	469.00	Oak	A large dresser with lots of space.	26 x 30 x 31 inches	5	dresser3a.jpg	dresser3b.jpg	dresser3c.jpg	Edit	Delete
London Bedside	Good Wood	Dresser	249.00	Oak,Metal	A smaller dresser. Very useful as a nightstand.	27 x 32 x 31.5 inches	5	dresser4a.jpg	dresser4b.jpg	dresser4c.jpg	Edit	Delete
Tri-Bright	White Glow	Lighting	229.00	Glass,Metal	Triple the beauty!	25 x 29.5 x 31 inches	5	light1a.jpg	light1b.jpg	light1c.jpg	Edit	Delete
Brooklyn	Custom Crafts	Lighting	199.99	Glass,Metal	Six overhead lights.	25.5 x 30 x 30.5 inches	5	light2a.jpg	light2b.jpg	light2c.jpg	Edit	Delete
Rustic Bar	Encono-ture	Lighting	179.00	Glass,Metal	An overhead light with a rustic look.	26 x 30 x 31 inches	5	light3a.jpg	light3b.jpg	light3c.jpg	Edit	Delete
Paris	Good Wood	Lighting	119.00	Glass,Metal	A simple overhead light.	27 x 32 x 31.5 inches	5	light4a.jpg	light4b.jpg	light4c.jpg	Edit	Delete
Royal	Custom Crafts	Lighting	239.99	Glass,Metal	Upward facing, six hanging overhead.	25.5 x 30 x 30.5 inches	5	light5a.jpg	light5b.jpg	light5c.jpg	Edit	Delete
Vintage Snow White	Good Wood	Mirror	329.00	Spruce	This full length mirror is hand crafted and adjusts to the angle you need.	25 x 29.5 x 31 inches	5	mirror1a.jpg	mirror1b.jpg	mirror1c.jpg	Edit	Delete
Jersey	Custom Crafts	Mirror	79.99	Pine	A simple bathroom mirror.	25.5 x 30 x 30.5 inches	5	mirror2a.jpg	mirror2b.jpg	mirror2c.jpg	Edit	Delete
Vanity	Encono-ture	Mirror	39.00	Metal	This mirror has two lighted sides, true reflection and magnified, to fit all your needs.	26 x 30 x 31 inches	5	mirror3a.jpg	mirror3b.jpg	mirror3c.jpg	Edit	Delete
Couch Buddy	Encono-ture	Table	59.00	Pine,Metal	A simple end table.	25 x 29.5 x 31 inches	5	table1a.jpg	table1b.jpg	table1c.jpg	Edit	Delete
Cutting Rollaway	Custom Crafts	Table	299.99	Pine,Metal	Rollable with locking wheels and center trash cutaway.	25.5 x 30 x 30.5 inches	5	table2a.jpg	table2b.jpg	table2c.jpg	Edit	Delete
Mini Ottoman	Encono-ture	Table	49.00	Pine,Leather	A small end table that can be used for storage or as a chair.	26 x 30 x 31 inches	5	table3a.jpg	table3b.jpg	table3c.jpg	Edit	Delete
Secret Woods	Good Wood	Table	219.00	Pine	A table useful for storage. It can be extened for more usable surface area.	27 x 32 x 31.5 inches	5	table4a.jpg	table4b.jpg	table4c.jpg	Edit	Delete
The Dumont	Custom Crafts	Table	59.99	Oak	A classic display table. Perfect for displaying family photos or orchids.	25.5 x 30 x 30.5 inches	5	table5a.jpg	table5b.jpg	table5c.jpg	Edit	Delete
Classic Round	Custom Crafts	Table	239.99	Oak	Hand crafted with 3 removable leafs to suit the needs of your family.	25.5 x 30 x 30.5 inches	5	table6a.jpg	table6b.jpg	table6c.jpg	Edit	Delete
Test Product	Test Brand 1	dresser	32.00	Metal,Plastic	Test Product	40 x 40 x 40	2	image4.jpg	image4b.jpg	image4c.jpg	Edit	Delete

Image 10:

The Stockpile

Restock Items

Add Products

List of Users

List of Items

successfully deleted it

Name	Brand	Type	Cost	Materials	Description	Dimensions	Stock	Picture Image 1	Picture Image 2	Picture Image 3	Edit Product	Delete Product
Classic	Good Wood	Chair	169.00	Oak	A beautifully crafted chair.	25 x 29.5 x 31 inches	5	chair2a.jpg	chair2b.jpg	chair2c.jpg	Edit	Delete
Classy Classic	Custom Crafts	Chair	199.99	Oak,Metal	A chair superior to any bar stool.	25.5 x 30 x 30.5 inches	5	chair3a.jpg	chair3b.jpg	chair3c.jpg	Edit	Delete
Royal Bar	Encono-ture	Chair	69.00	Pine	A basic, but functional chiar	26 x 30 x 31 inches	5	chair1a.jpg	chair1b.jpg	chair1c.jpg	Edit	Delete
Cushoned Presidential	Good Wood	Chair	249.00	Oak,Metal	A chair that puts comfort in your behind.	27 x 32 x 31.5 inches	5	chair4a.jpg	chair4b.jpg	chair4c.jpg	Edit	Delete
Porch Rocker	Custom Crafts	Chair	289.00	Oak	A classic rocking chair. Quality.	27.5 x 31 x 31.5 inches	5	chair5a.jpg	chair5b.jpg	chair5c.jpg	Edit	Delete
Mirrored Princess	Good Wood	Dresser	369.00	Oak	A beautifully crafted dresser. Mirror included.	25 x 29.5 x 31 inches	5	dresser1a.jpg	dresser1b.jpg	dresser1c.jpg	Edit	Delete
Vintage	Custom Crafts	Dresser	299.99	Maple	Classic, beautifully designed with uniquely patterned wood.	25.5 x 30 x 30.5 inches	5	dresser2a.jpg	dresser2b.jpg	dresser2c.jpg	Edit	Delete
London Classic	Encono-ture	Dresser	469.00	Oak	A large dresser with lots of space.	26 x 30 x 31 inches	5	dresser3a.jpg	dresser3b.jpg	dresser3c.jpg	Edit	Delete
London Bedside	Good Wood	Dresser	249.00	Oak,Metal	A smaller dresser. Very useful as a nightstand.	27 x 32 x 31.5 inches	5	dresser4a.jpg	dresser4b.jpg	dresser4c.jpg	Edit	Delete
Tri-Bright	White Glow	Lighting	229.00	Glass,Metal	Triple the beauty!	25 x 29.5 x 31 inches	5	light1a.jpg	light1b.jpg	light1c.jpg	Edit	Delete
Brooklyn	Custom Crafts	Lighting	199.99	Glass,Metal	Six overhead lights.	25.5 x 30 x 30.5 inches	5	light2a.jpg	light2b.jpg	light2c.jpg	Edit	Delete
Rustic Bar	Encono-ture	Lighting	179.00	Glass,Metal	An overhead light with a rustic look.	26 x 30 x 31 inches	5	light3a.jpg	light3b.jpg	light3c.jpg	Edit	Delete
Paris	Good Wood	Lighting	119.00	Glass,Metal	A simple overhead light.	27 x 32 x 31.5 inches	5	light4a.jpg	light4b.jpg	light4c.jpg	Edit	Delete
Royal	Custom Crafts	Lighting	239.99	Glass,Metal	Upward facing, six hanging overhead.	25.5 x 30 x 30.5 inches	5	light5a.jpg	light5b.jpg	light5c.jpg	Edit	Delete
Vintage Snow White	Good Wood	Mirror	329.00	Spruce	This full length mirror is hand crafted and adjusts to the angle you need.	25 x 29.5 x 31 inches	5	mirror1a.jpg	mirror1b.jpg	mirror1c.jpg	Edit	Delete
Jersey	Custom Crafts	Mirror	79.99	Pine	A simple bathroom mirror.	25.5 x 30 x 30.5 inches	5	mirror2a.jpg	mirror2b.jpg	mirror2c.jpg	Edit	Delete
Vanity	Encono-ture	Mirror	39.00	Metal	This mirror has two lighted sides, true reflection and magnified, to fit all your needs.	26 x 30 x 31 inches	5	mirror3a.jpg	mirror3b.jpg	mirror3c.jpg	Edit	Delete
Couch Buddy	Encono-ture	Table	59.00	Pine,Metal	A simple end table.	25 x 29.5 x 31 inches	5	table1a.jpg	table1b.jpg	table1c.jpg	Edit	Delete
Cutting Rollaway	Custom Crafts	Table	299.99	Pine,Metal	Rollable with locking wheels and center trash cutaway.	25.5 x 30 x 30.5 inches	5	table2a.jpg	table2b.jpg	table2c.jpg	Edit	Delete
Mini Ottoman	Encono-ture	Table	49.00	Pine,Leather	A small end table that can be used for storage or as a chair.	26 x 30 x 31 inches	5	table3a.jpg	table3b.jpg	table3c.jpg	Edit	Delete
Secret Woods	Good Wood	Table	219.00	Pine	A table useful for storage. It can be extened for more usable surface area.	27 x 32 x 31.5 inches	5	table4a.jpg	table4b.jpg	table4c.jpg	Edit	Delete
The Dumont	Custom Crafts	Table	59.99	Oak	A classic display table. Perfect for displaying family photos or orchids.	25.5 x 30 x 30.5 inches	5	table5a.jpg	table5b.jpg	table5c.jpg	Edit	Delete
Classic Round	Custom Crafts	Table	239.99	Oak	Hand crafted with 3 removable leafs to suit the needs of your family.	25.5 x 30 x 30.5 inches	5	table6a.jpg	table6b.jpg	table6c.jpg	Edit	Delete