

Web Application: heicheleList

Framework: Web2py

Developer: Tim Heichele

Course CSC 438

Link to public website: timheichele.com

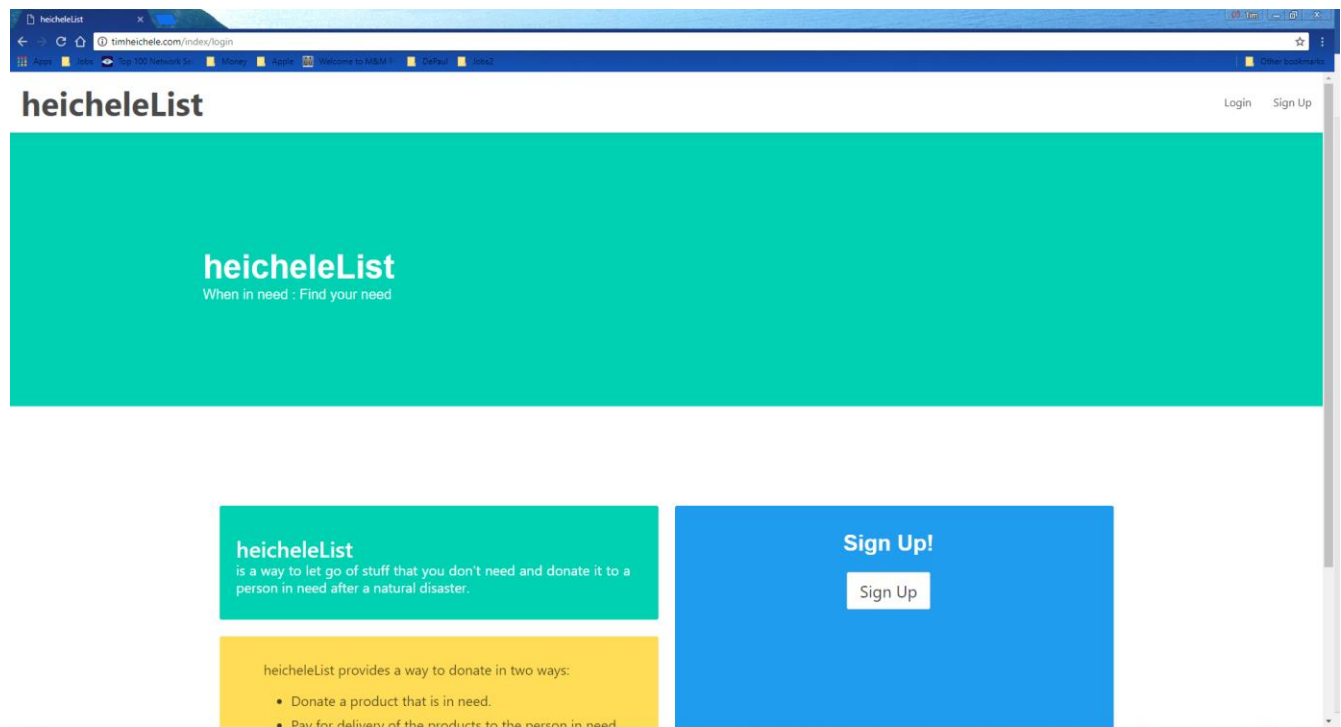
Test account user: [massimo.dipierro@depaul.com](mailto:massimo.dipierro@depaul.com)  
pw: csc438

Purpose of the web application

heicheleList purpose is to allow people in need after a declared natural disaster. The website will provide a way for the people to search for products they need but don't have the means to afford the product. The products are donated from user that have the means to donate a product or have the means to donate money for delivery of a product. So the vision of the webpage is when in need: Find your need.

Workflow of heicheleList

Home page



The home page allows you to sign up for heicheleList, and login, both sign up and login pages will take you the home navigation page of heicheleList.

Login and sign up page

heicheleList

Not secure | timheichele.com/user/login

AppsJobsTop 100 Network 50MoneyAppleWelcome to M&M 3DePaulJobs2

Other bookmarks

heicheleList

LoginSign Up

Log In

Username:

Password:

Remember me (for 30 days):

☐

Log In

heicheleList

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Other bookmarks

heicheleList

LoginSign Up

Sign Up

First name:

Last name:

E-mail:

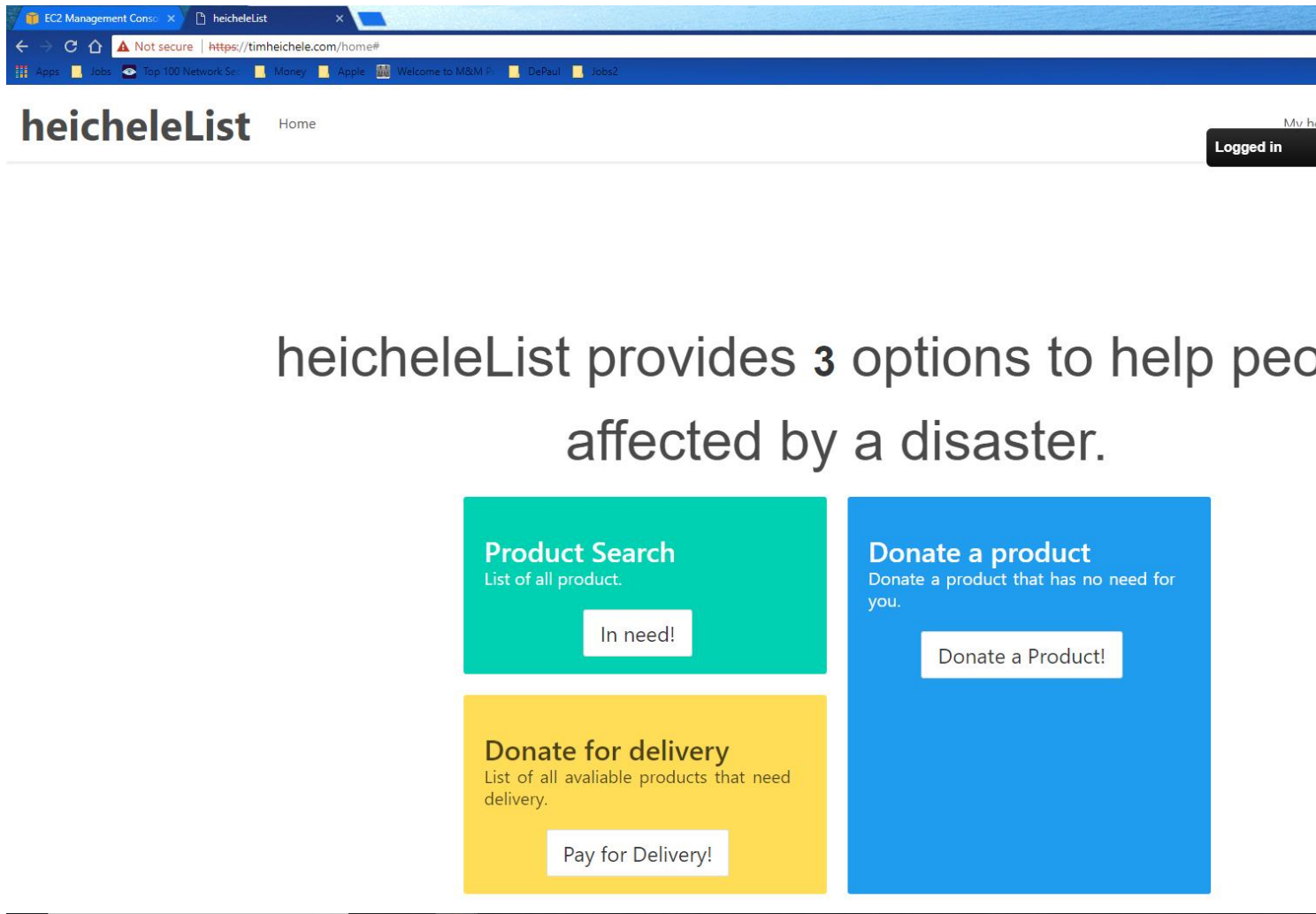
Username:

Password:

Confirm Password:

Sign Up

home navigation page



Provides three options for the main purpose of the web page. Donate a product, Product Search, and Donation for delivery.

And once the user is logged in the navbar provides functionality to always come back to the home navigation page, update profile, My HeicheleList, change password, and logout.

### **Purpose 1: Donate a product**

#### **Product Entry page**

EC2 Management Console

heicheleList

Random Real US Address

Not secure | https://timheichele.com/productInput

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heicheleListHome

# Product Entry!

Provide as much detail about the product.

Product Name:

Jig Saw

Product Description:

Brand: Makita  
Condition: Good  
Used very little

Category:

Tools

Upload Image:

Choose File

makita-jig-saw-64\_300.jpg

Comments on image:

Makita Jig saw almost right out the box.

Next

Previous

heicheleList

makita-jig-saws-43...jpg

Allows the user to enter information about the product they are about to donate.

**Product home address page**

EC2 Management Cons... x heicheleList x Random Real US Addr... x

Not secure | https://timheichele.com/productLocalAddress#

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# heicheleList [Home](#)

## Where is the product located?

### What is the shipping address of this product?

**Name:**

**Product Address:**

**Product State:**

**Product City:**

**Product Zip Code:**

**Phone Number:**

**Email:**

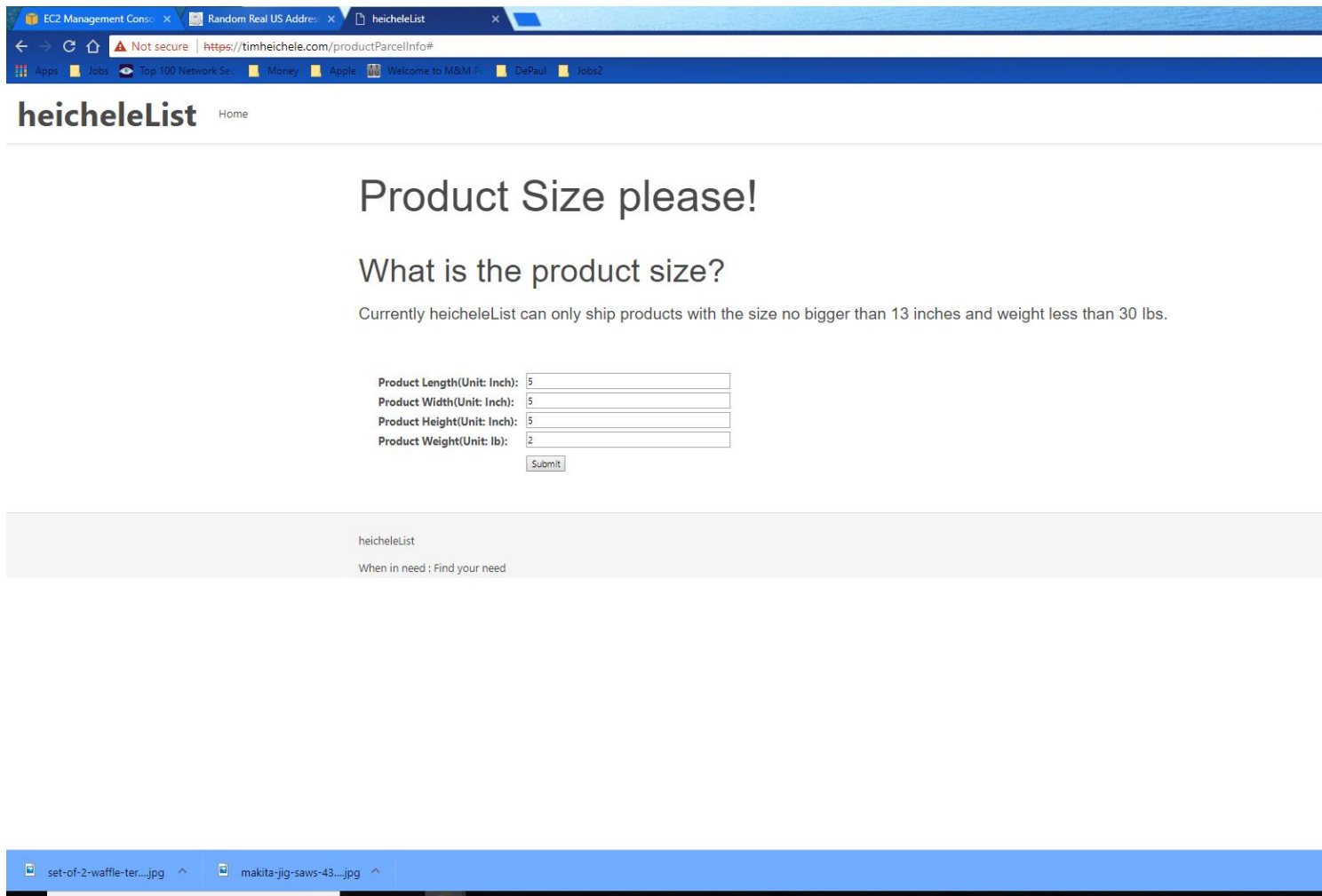
heicheleList

When in need : Find your need

makita-jig-saws-43...jpg ^

It is required for the product that is being donated to have a source address to be able estimate the shipping information and to actually ship the product.

### Product parcel information page





This is also required to be entered because we need the parcel size to be able to estimate the shipping information. Currently we are only using USPS for shipping. Once all the information is entered for donation it will bring you back to the home navigation page.

## Purpose 2: Product Search

Product Search page

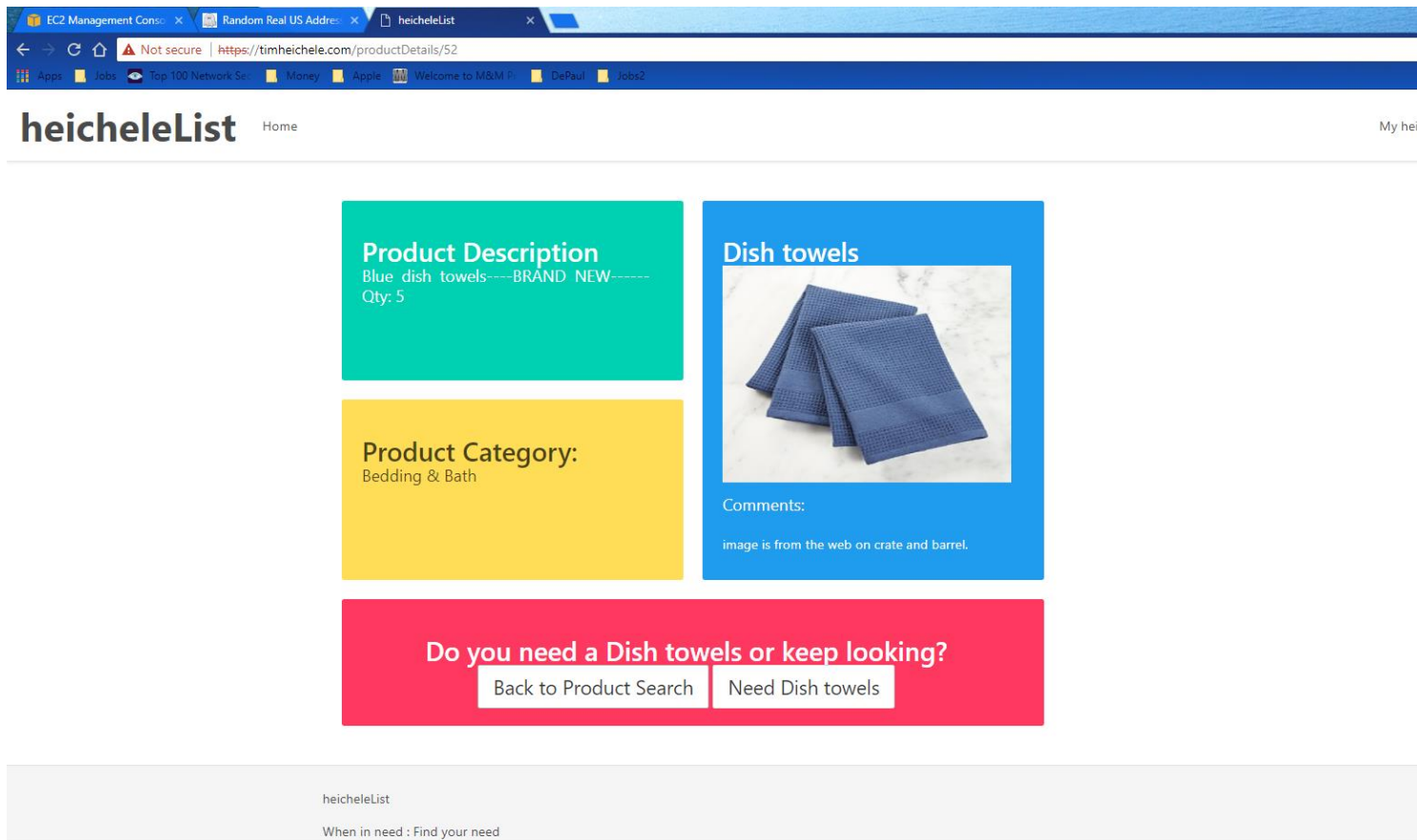
All products are listed in the table. Please select the image for more details.

2 records found

Image	Product Name	Product Description	Category
	Jig Saw	Brand: Makita ...	Tools
	Dish towels	Blue dish towels...	Bedding & Bath

This page provides all the products that has been donated. User can click on the image to reveal more details about the product. And search for a product as well.

Product details page



Allows user to see and read more about the details of the product. And if the user needs this product he can either go back to product search or request the product for shipment.

Detestation delivery information page



EC2 Management Console Random Real US Address heicheleList

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**heicheleList** Home My heicheleList

# Where is the product is this product be delivered to?

Please enter a deliverable address.

**Name:**

**Address:**

**State:**

**City:**

**Zip Code:**

**Number:**

**Email:**

heicheleList

When in need : Find your need

Allows the user to input where the product needs to be delivered has to be a valid US address.

Confirmation page

Product is held. Waiting for delivery donation.  
Your product should be delivering soon.

Go Home

Search for more Products

heicheleList

When in need : Find your need


Notifies the user that the product is ready for a donor to pay for the delivery of the product. And at that point no one can also request delivery of that product.

### **Purpose 3: Donate for Delivery**

Delivery donation search page

All products are listed in the table. Please select the image.

1 records found

Image	Product Name	Product Description	Category	Est. Amount
	Dish towels	Blue dish towels...	Bedding & Bath	6.84

Allow the user to search for the donation estimated delivery cost that will fit his budge. Click on the image for the product for which the user would like to donate the user money for delivery charges.

Delivery choice page


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Please choose a delivery method?




Priority Mail Express

Estimated delivery time: 1 days

Delivery amount: \$35.79

Select




Priority Mail

Estimated delivery time: 2 days

Delivery amount: \$6.84

Select



Parcel Select

Estimated delivery time: 7 days

Delivery amount: \$9.99

Select

heicheleList

When in need : Find your need

Allows the user to choose which shipping rate and estimated time of delivery he would like to donate.

Donation payment

Donation:

Amount: \$6.84

Test Account: Credit#: 4242 4242 4242 4242 04/18 111

Card number

Credit or debit card

MM / YY

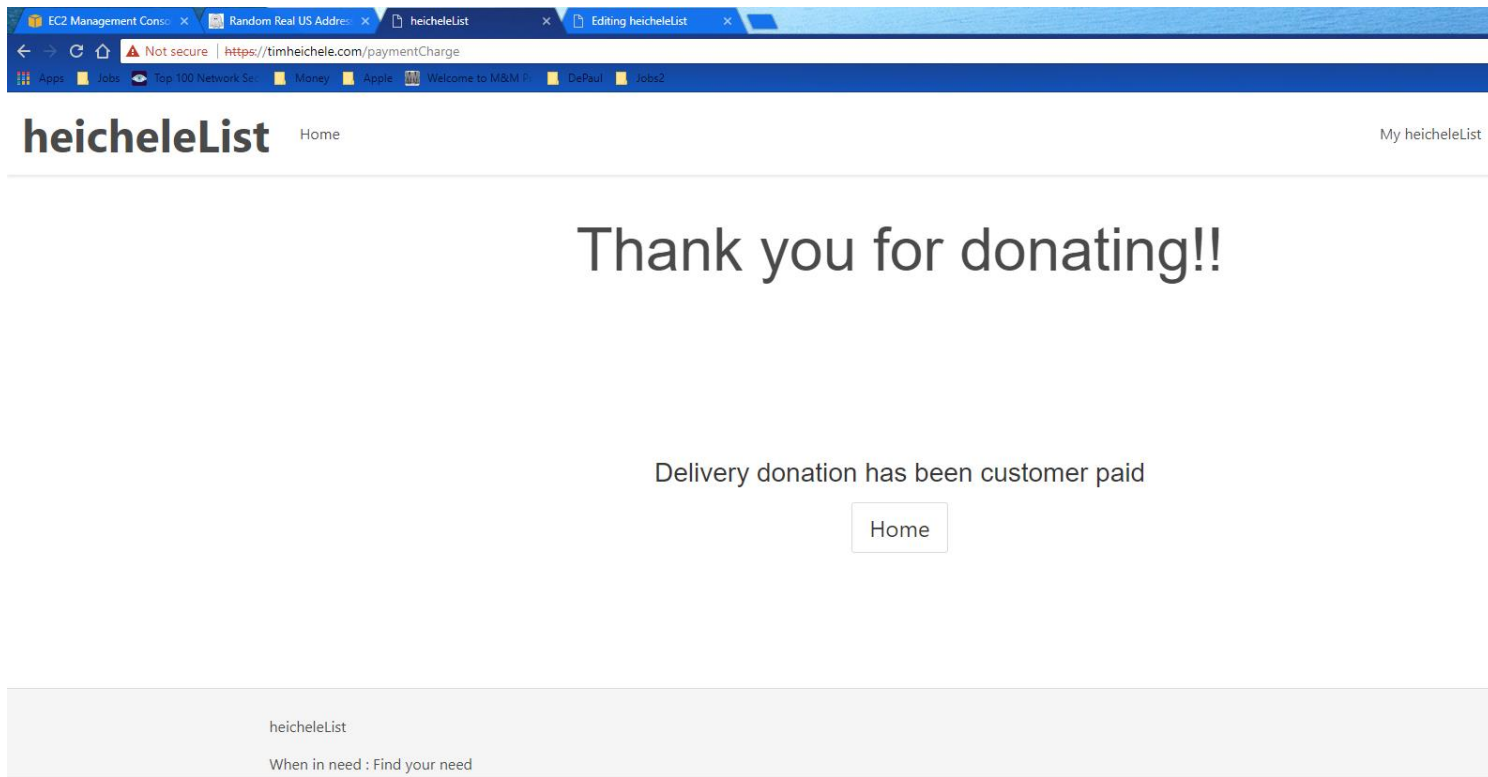
Submit Payment

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When in need : Find your need

User can enter credit card information and submit payment.

Confirmation Page

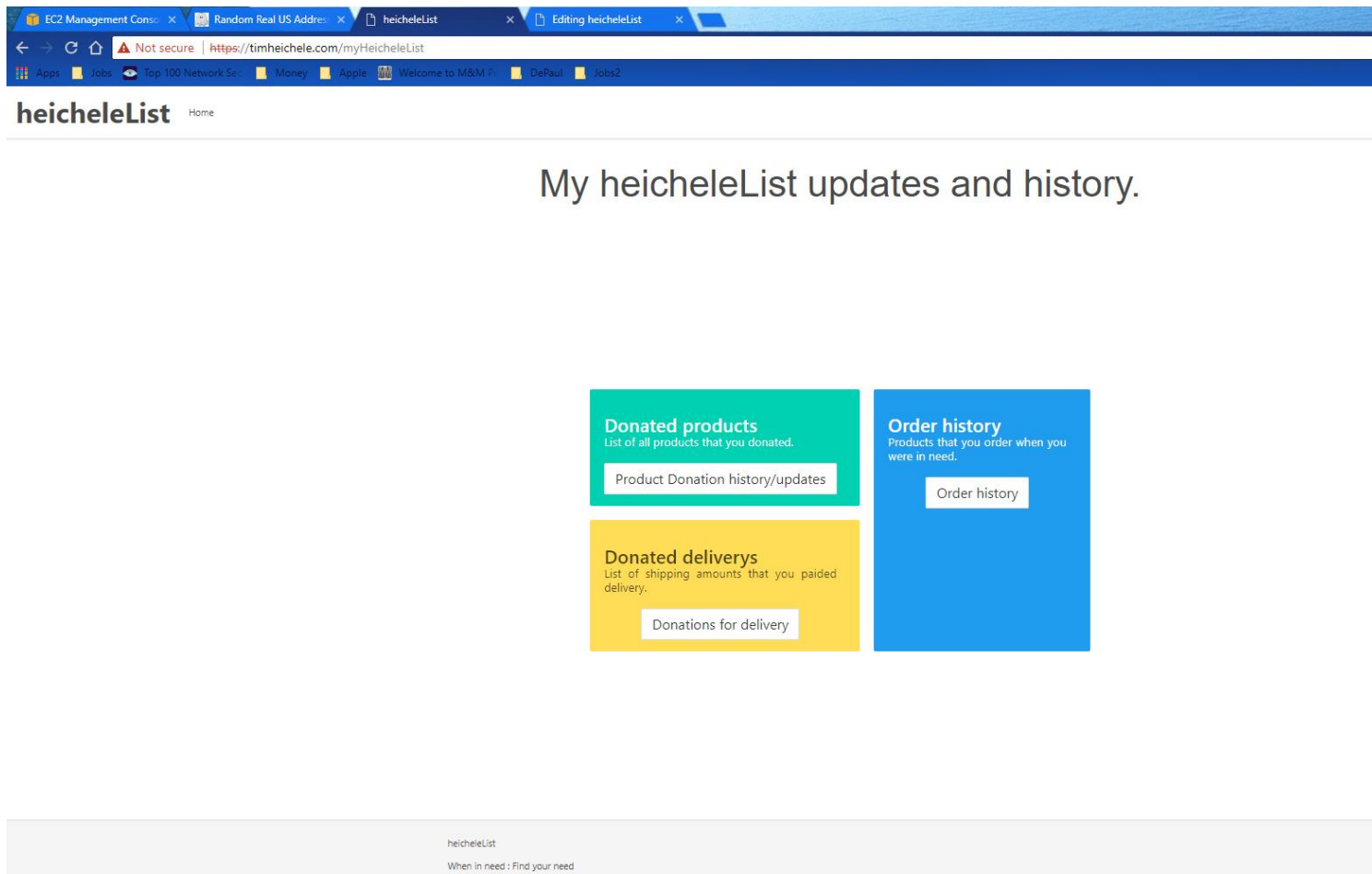


Notifies the user that the user donation has been charged and shipping of the product is in process.

## User history in myHeicheleList

There are three section in user history and updates to a product in myHeicheleList

myHeicheleList Navigation Page



User can choose to go to any of the three section to review history of his use on heicheleList

## Section 1: Donated Products

List of donated products

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heicheleListHome

My

Donated products that have not been selected and can be modified or removed from the system

SearchClear


1 records fo

Image	Product Name	Product Description	Category	
	Jig Saw	Brand: Makita ...	Tools	<div>Delete</div>

Donated products that need to be delivered to the person in need.

SearchClear

1 records fo

Image	Product Name	Product Description	Category
	Dish towels	Blue dish towels-...	Bedding & Bath

heicheleList

When in need : Find your need

This page allows users to see currently listed products. Which allow the user to either perform edits to the product or they are allowed to delete the product. It also lists products that have been delivered.

Product update page



## Product Update

### Product Description

Brand: Makita Condition: Good Used very little

### Product Category:

Tools

### Jig Saw



#### Comments:

Makita Jig saw almost right out the box.

### Update Product Details

#### Product Name:

Jig Saw

#### Product Description:

Brand: Makita

Condition: Good

Used very little

#### Category:

Tools

#### Upload Image:

Choose File No file chosen

#### Comments on image:

Makita Jig saw almost right out the box.

Update

heicheleList

When in need : Find your need

This page allows users to edit products they have donated.

## Section 2: Order History

Order history page

# Order History of all delivered products recieved or are shipping.

Image	Product Name	Product Description	Category
	Dish towels	Blue dish towels...	Bedding

heicheleList

When in need : Find your need

This allows user to see all the orders that they have requested.

## Section 3: Donated Delivery history

Donated Delivery history page

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Not securehttps://timheichele.com/myDeliveryDonation

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heicheleList

Home

My heicheleList

Delivery donation

SearchClear

Image	Product Name	Delivery Amount	Pos
	Dish towels	6.84	USP

heicheleList

When in need : Find your need

This allows user to see all the orders that they have requested.

**heicheleList pages that allow user profile and password updates.**

Profile page

## Profile

**First name:**

**Last name:**

**E-mail:**

**Username:**

Allows updates to profiles in heicheleList

Change password page

## Change Password

Old password:

New password:

Verify Password:

Allows the user to change passwords.