

Initial concept:

(Service) Name: Saint Bernard Co. *like Saint Laurent designer*

Type of Service: animal clothing trading site (selling and buying)

Description: many trading sites for clothing are centered around womens and mens niche

But how about pets? The market cap for animal products is vast and creating dedicated sites wouldn't be a bad idea for allowing users to trade their items according to what their animals have consumed.

Purpose:

The plan is to build a website that can offer sellers and buyers the ability to trade amongst each other with animal products as the central focus of itemization. As a developer it is our duty to build and maintain a site that effectively allows the users to be able to administer their items, as well as ensuring all products reach the final destination.

Scope:

Bernard is developed and intended to be a decentralized trading website.

Definitions:

Bernard website: A system that connects Sellers and Buyers and allows for the trading of animal items (exclusive)

Buyer: The person who is looking to buy items from the seller of animal items

Seler

- Buyer: The person who is looking to buy items from the seller of animal items
- Seller on Bernard
- Buyername: A Buyername.
- Buyer address: A Buyer address.
- Buyer phone number: A Buyer contact number.
- Buyer record: A history list keeps track of items that Buyer buys/cancels/returns.
- Item name: The name of an animal item.
- Item date: original animal item point of creation.
- Item Image: image of animal
- Item Size: size of animal item
- Item condition: quality of the animal item
- Item cost: cost of animal product
- Item color: color of item
- Sellers name: Sellers company's name
- Sellers address: Sellers company's address
- Sellers phone number: Sellers company's phone number
- Sellers contacts: Sellers social media contacts

Functional Requirements:

Buyer:

Buyer should be able to filter dog products based off key types
Buyer should be able to find items for their liking of animal
Buyer should be able to see a list of products
Buyer should be able to make a search of products
Buyer should be able to view cart
Buyer should be able to add products to cart
Buyer should be able to remove products from cart
Buyer should be able to complete purchases

Seller:

Seller should be able to categorize the items for sell
Sellers should be able to see all pending/completed sales
Seller should have inventory of vendor items
Seller should be able to make listings
Seller should be able to describe all products
Seller should be able to see balance for payment

Non- Functional Requirements:

The system should update items real-time on product availability
The system should verify user buyer and sellers information before allowing and purchase of product
Developed on windows platform (linux layered deployment?)
Scalability for inventory and user base
Account creation for security
The relay of data from buyer to seller should be processed within 1 min

Constraints:

The system shall be built using MVC architectural pattern.
10 week time constraint for capstone (in stable condition 3 weeks prior to Dec 17)
System built using django framework MVT
One-Man-Army Team

Story	Story Title	Score
1	As a Seller, I should be able to see balance for payment, so that I can view how much I am earning from sales	13

2	As a Seller, I should be able to describe all products, so that buyers have a better understand of the quality of purchase	5
3	As a Seller, I should be able to make listings, for items I decide to list on the website, so that I can sell old belongings	21
4	As a Seller, I should have inventory of vendor items, so I can change and edit listings according to the market for products	21
5	As a Sellers, I should be able to see all pending/completed sales, so that I can keep knowledge of what I need to send or collect from buyer	13
6	As a Seller, I should be able to categorize the items for sell, so I can target my consumer better	5
7	As a Buyer, I should be able to complete purchases, so I can see payment, shipping, and estimated wait time	13
8	As a Buyer, I should be able to remove products to cart, so I can remove local inventory of what I don't want	8
9	As a Buyer, I should be able to add products to cart, so I can keep local inventory of what I want	13
10	As a Buyer, I should be able to view cart, so I know the amount and cost of the products I assume to buy	8
11	As a Buyer, I should be able to make a search of products, so if I know what I want I could directly find the product	8
12	As a Buyer, I should be able to see a list of products, so I can understand what inventory is available	5
13	As a Buyer, I should be able to find items for their liking of animal, So I can find products for my animal easier	13
14	As a Buyer, I should be able to filer dog products based off key types, so I can find a specific item cataloged	8
