Design Specification

Overview

App Name: Ferreted Away
The objective of this website is to enable students of University of Glasgow to sell and swap items from various categories. Sellers will be able to post images of the item for sale, along with a description and tentative price. Buyers can message sellers directly to arrange purchase of items listed on the site. Sellers can then respond and remove the item from sale.

Requirements

-User must be able to create/edit/delete their account
-User must be able to upload images of the item they have for sale
-User must be able to upload a description for each item they have to sell
-User must be able to state a tentative price for the item they have to sell
-Users must be able to message other users to arrange purchase of items
-Users must be able to search items by category and price
-Users must be able to remove items once they've been sold

User Stories

Persona 1- The Seller

Jim is a mature student at University of Glasgow and is trying to sell his fruit salad. He has previously tried selling his salad on Student Voice, but since this platform was not designed for the purpose of selling goods, he has had little success. He needs to be able to create and sign into a user account. He also needs to be able to list an item under a specific category, providing a description and price for the item, as well as upload a picture of the item for sale. He also

needs the ability to message potential buyers to arrange the sale of items, as well as the ability to remove an item once it has been sold.

Persona 2- The Buyer

John is a first year student and attempted to utilize the Student Voice webapp on the MyGlasgow site to purchase a bike. John saw multiple advertisements on that site selling bikes. He tried to get in contact with the sellers but was disappointed as the items had been sold weeks before. John was very disheartened by this fact. John decided to go onto the Ferreted Away site. John was then able to search by category and price and find a seller. He could view pictures uploaded by sellers, so was able to see the condition of the bikes. John could then message the seller to arrange purchase of his bike. After John bought the bike, the seller removed it from the site. John was very happy. John told his friends about this very revolutionary website. ALL THE MONEYS.

Site URLs
/home
/about
/faq
/contact
/sitemap
/login
/addaccount
/myaccount
- /myaccount/myitems
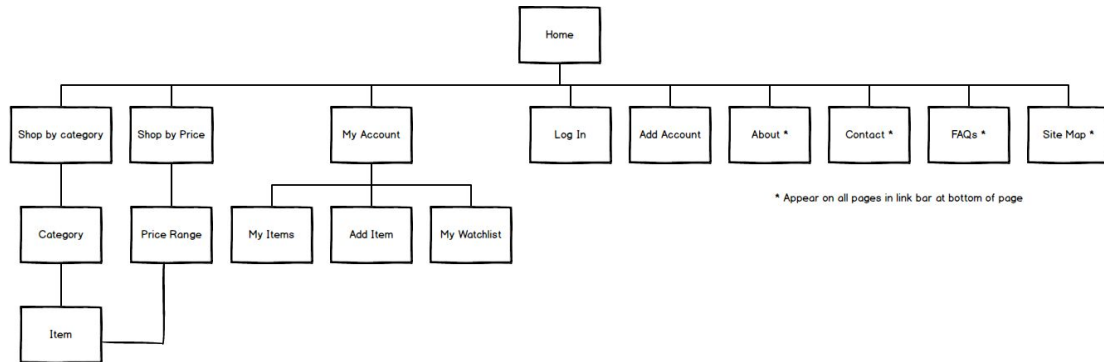- /myaccount/additem
- /myaccount/mywatchlist
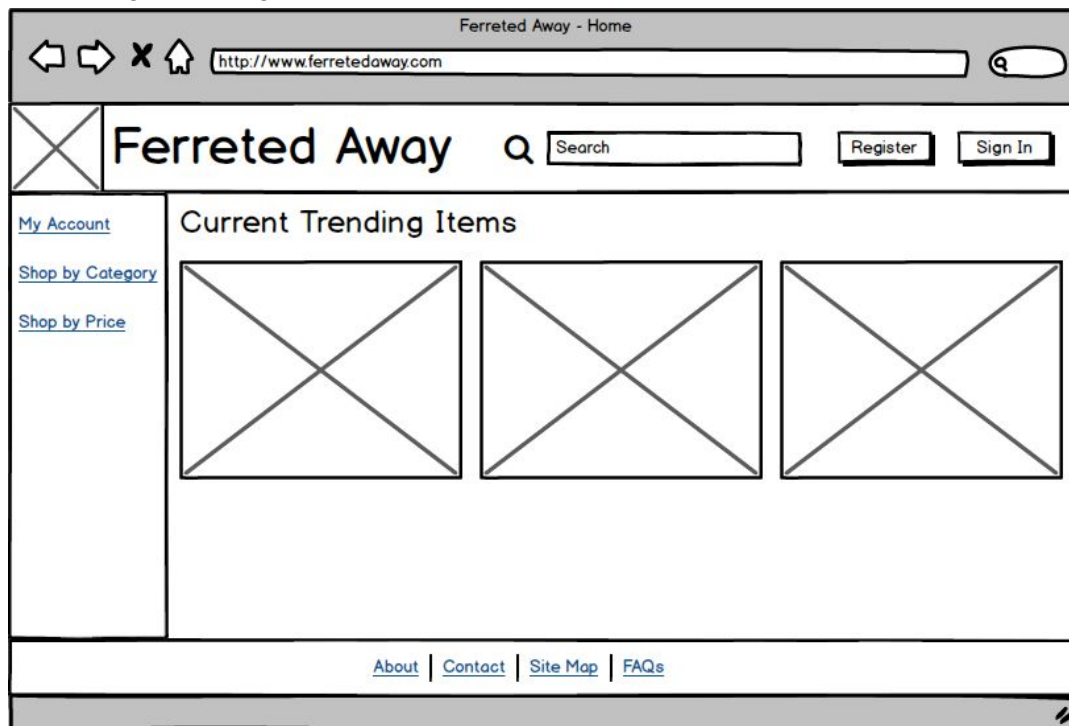/categories
- /categories/{{category_slug}}

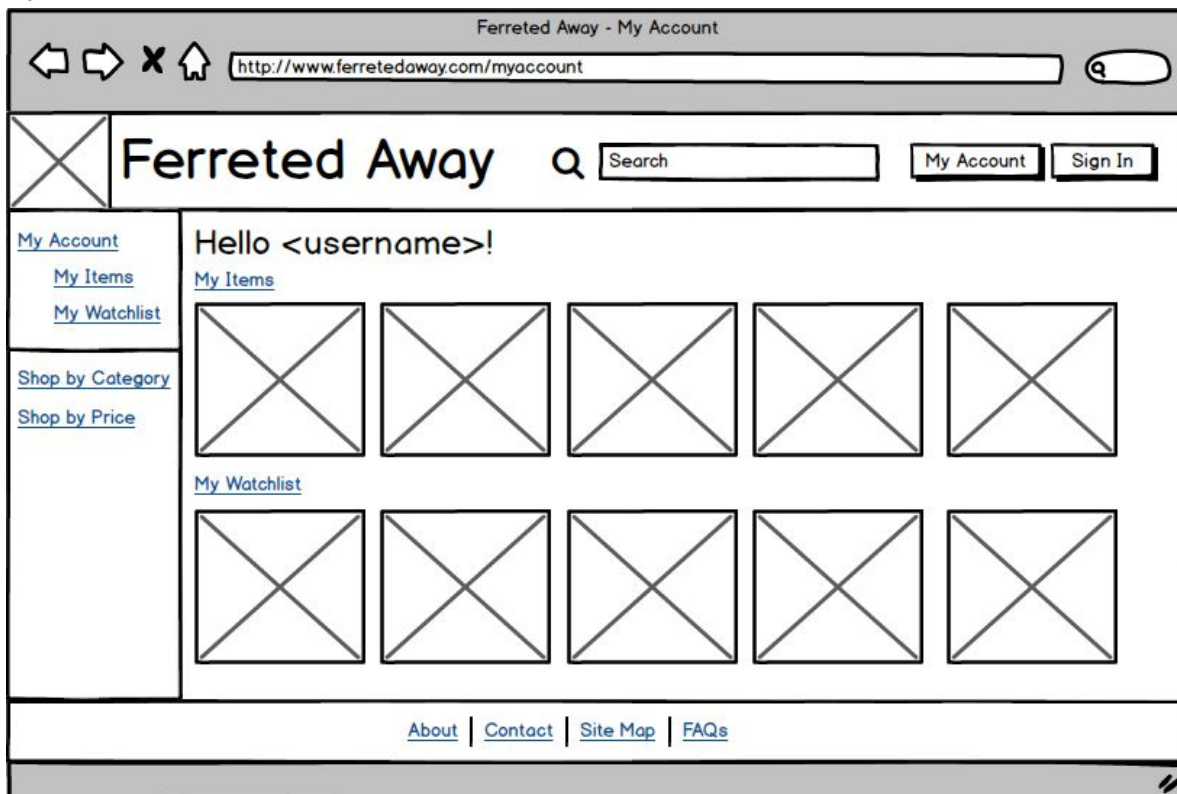- /categories/{{category_slug}}/{{item_slug}}
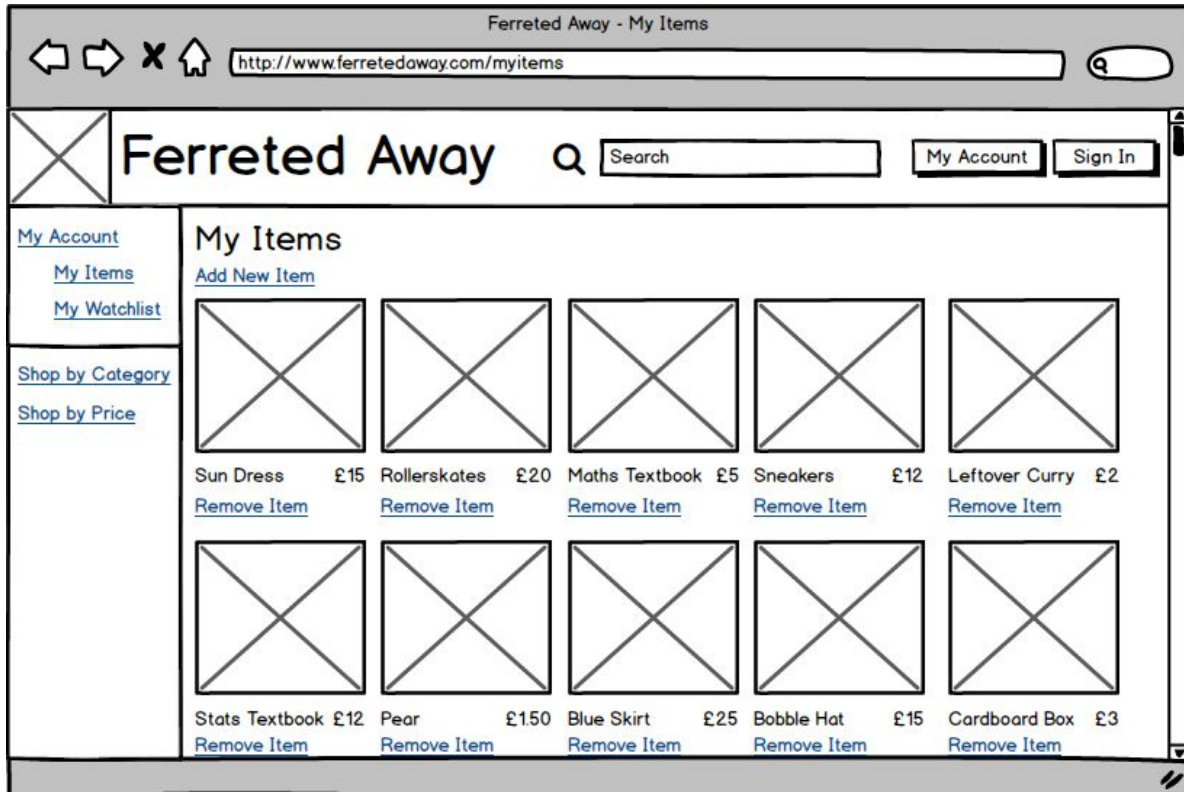
Wireframes

Site Map

Home Page- Not Signed In

Home Page- Signed In

My Account

My Items

http://www.ferretedaway.com/myitems

Ferreted Away

Q Search | My Account | Sign In

My Account
  My Items
  My Watchlist

Shop by Category
Shop by Price

My Items

Add New Item

Sun Dress £15	Rollerskates £20	Maths Textbook £5	Sneakers £12	Leftover Curry £2
Remove Item	Remove Item	Remove Item	Remove Item	Remove Item

Stats Textbook £12	Pear £1.50	Blue Skirt £25	Bobble Hat £15	Cardboard Box £3
Remove Item	Remove Item	Remove Item	Remove Item	Remove Item

Add Item

http://www.ferretedaway.com/additem

Ferreted Away

Q Search | My Account | Sign In

My Account
  My Items
  My Watchlist

Shop by Category
Shop by Price

Add Item

Category   Select Category ▼   Picture   Upload Picture
                                                Filename.JPG

Item Name [____]

Price   [____]

Description [_____]

Add Item

About | Contact | Site Map | FAQs

My Watchlist

http://www.ferretedaway.com/mywatchlist

Ferreted Away

Q Search | My Account | Sign In

My Account
  My Items
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Shop by Category
Shop by Price

My Watchlist

Sun Dress £15	Rollerskates £20	Maths Textbook £5	Sneakers £12	Leftover Curry £2
Remove Item	Remove Item	Remove Item	Remove Item	Remove Item

Stats Textbook £12	Pear £1.50	Blue Skirt £25
Remove Item	Remove Item	Remove Item

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Add Account

http://www.ferretedaway.com/addaccount

Ferreted Away

Q Search | My Account | Sign In

My Account
  My Items
  My Watchlist

Shop by Category
Shop by Price

Add Account

Username   [   ]

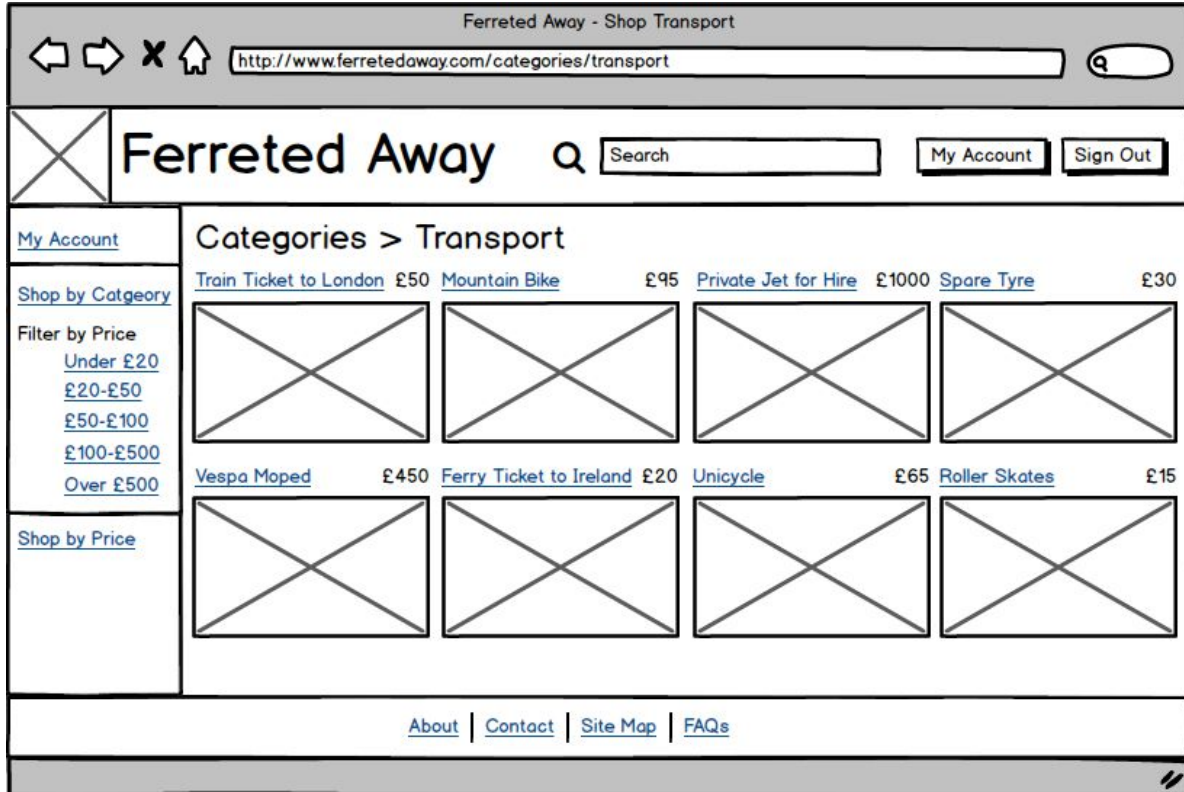Email Address   [   ]

Password   [   ]

Picture   [Upload Picture]
           Filename.JPG

[Add Account]

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Shop By Category
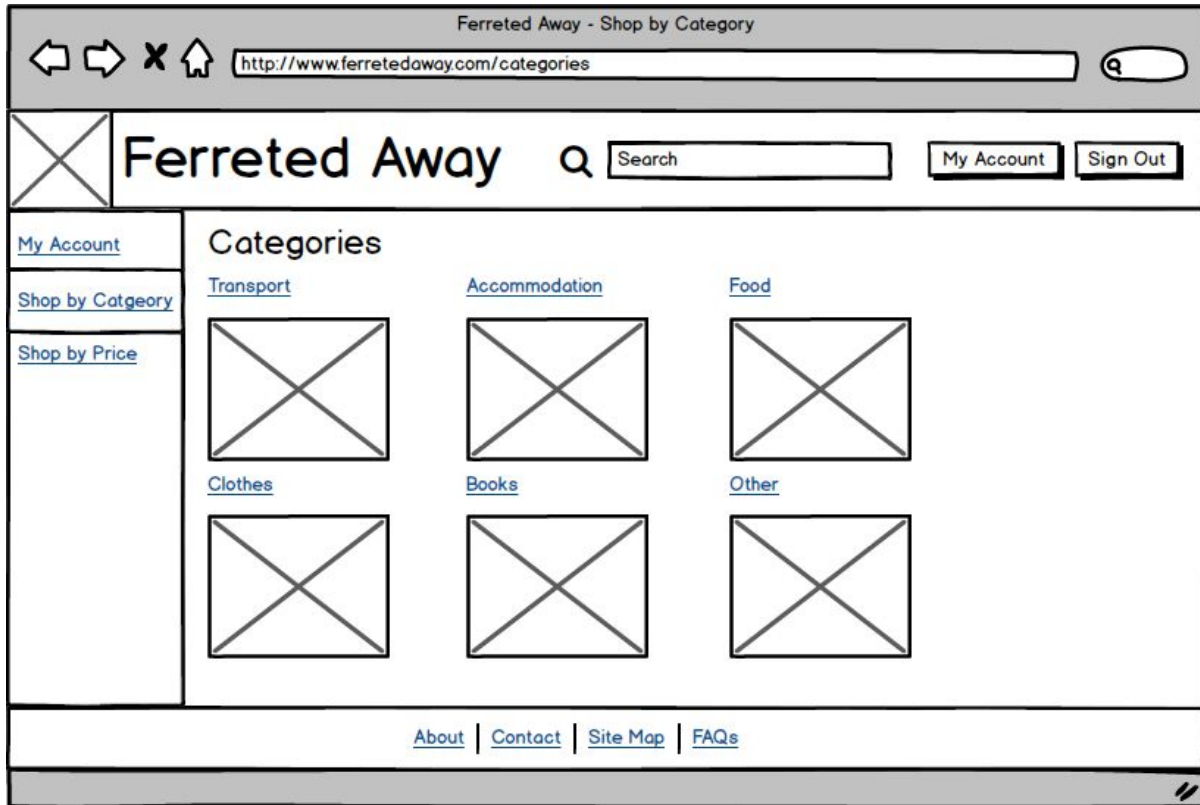
Browsing Transport Category

Item View

ER Diagram

Attributes

User	Type
username	char(128)
email	char(128), formatted
password	char(128)
profile_picture	picture

Item	Type
category	char(128), foreign key
seller	char(128), foreign key
item_name	char(128)
price	integer
description	char(350)
picture	picture
views	integer
date_added	datefield

Category	Type
cat_name	char(128)

System Architecture Diagram