Jack Lambert, Alex Hawkins, Megan Moss, Ryan Long, Nate Christy
Team Two (Group #2)
CSCI 3308-104-2

MILESTONE 4

Revised List of Features:

Feature	Description	Priority
Add product to cart	Able to copy and paste a URL for a product to add it to their cart.	High
Google extension to save product to account	This extension will save items on the current page to the cart without having to navigate to the website and paste the URL.	High
Remove product from cart	If one is going to add an item to the cart, they may want to remove that item later or swap it with a different item. To do this we need a feature that is able to delete objects from the shopping cart, aka a remove product from cart feature.	High
Login and save cart	By storing basic user information we are able to create a login system where users have their own unique id's and unique shopping carts that are saved to that user.	High
Purchase the items	To purchase items from the original website in a subwindow after clicking 'Buy' in the cart. This will also change the status to bought in their cart.	Medium
Saves product details from shopping websites including URL, cost, title, etc.	When adding an item to the shopping cart, the way that we can save that item is by having all of the proper information stored in an easy to access and user friendly location. This gives easy access to shoppers trying to find the original website, price, name of the product, etc.	Medium
Save item quantity	When saving an item, choose how many items to save for later purchase.	Medium
View purchase history	Ability to look back and see items that were previously purchased.	Medium
Sort purchase history	Allow the user to sort through their purchase history by type of product, which store it was	Low

	bought from, when it was bought, etc.	
Analyse purchase history	Able to analyse previous purchases to see the user's spending habits and where they are spending most of their money and when. This can show trends, etc.	Low
Updates user when sold out	By having information like item quantity stores in a location, we should be able to track when that item is no longer in stock and notify customers that the product has sold out.	Low
Updates user when no longer available	When an item or address to an item are removed or changed, it will notify users that the item is no longer being sold or the link is no longer valid.	Low
Sort products	Feature that stores meta information and allows the user to sort through their items based on what type of product it is, which store it is from and when they added it to their cart.	Low
Create folders and add products	This feature will allow users to organise their shopping carts into further lists or categories that can be customised. This will be useful for comparing items that are being considered for things like birthday presents.	Low
Sharing a link to cart	Send friends a link to a user's cart so others can see it and buy items from their cart. This could be a social media feature to see what people are interested in, as well as a feature that allows friends to purchase suitable presents for the user.	Low
Suggest similar items	Able to view similar items to those in the cart to see if there are better prices or items available.	Low

Architecture Diagram:

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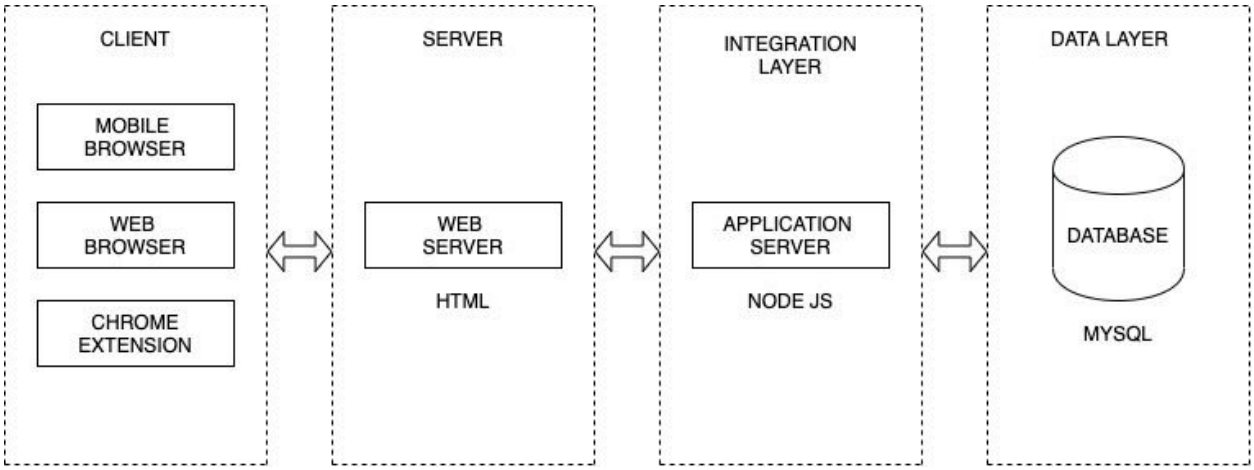
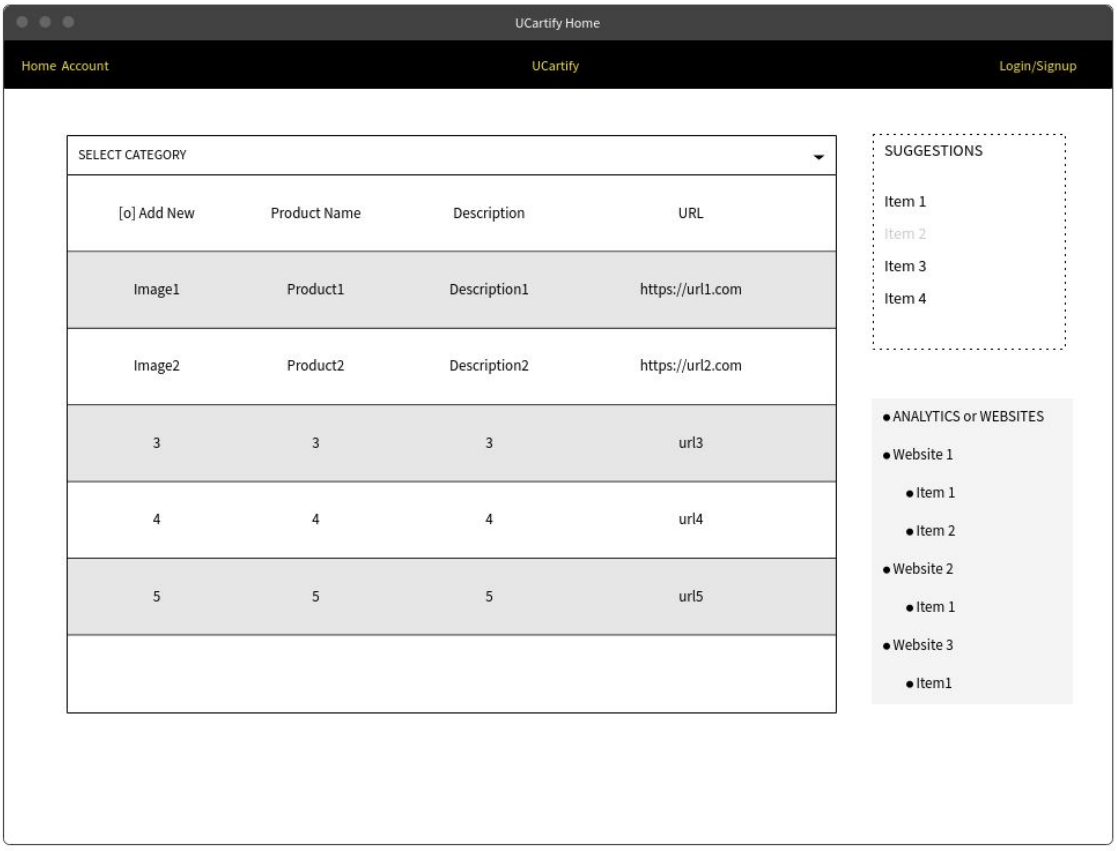


Front End Design:



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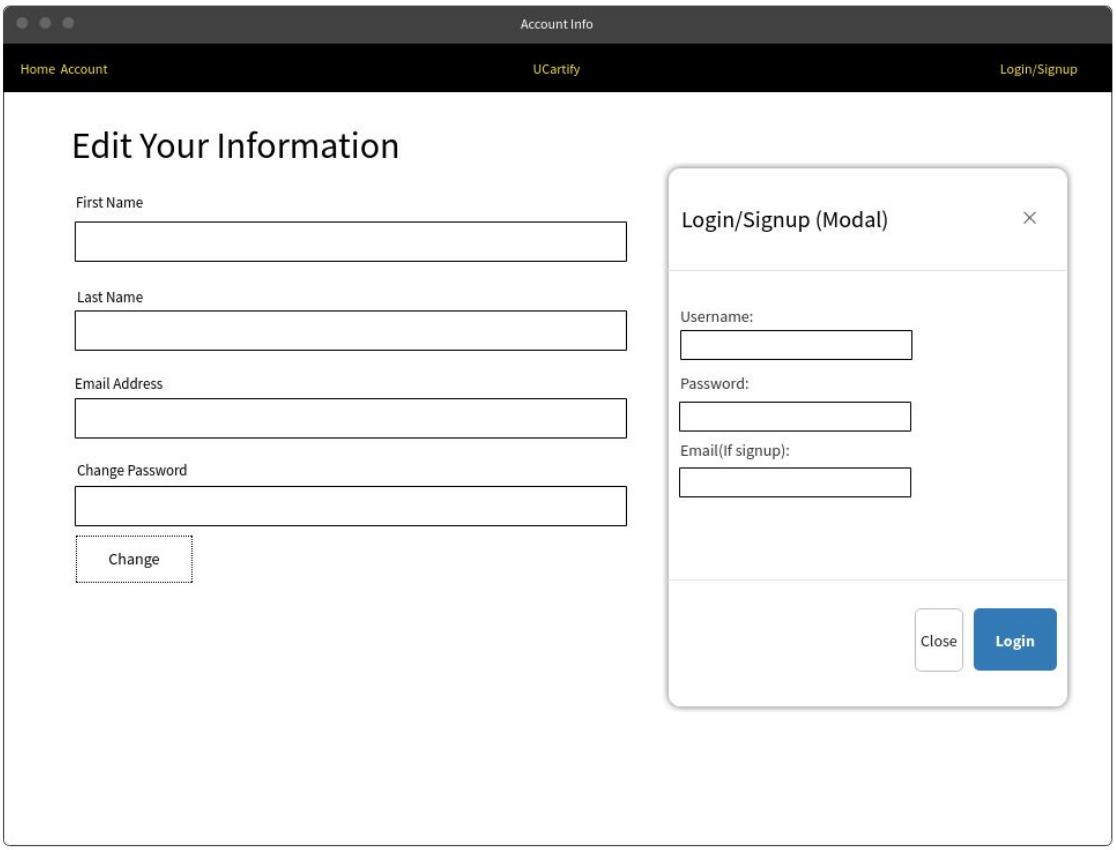
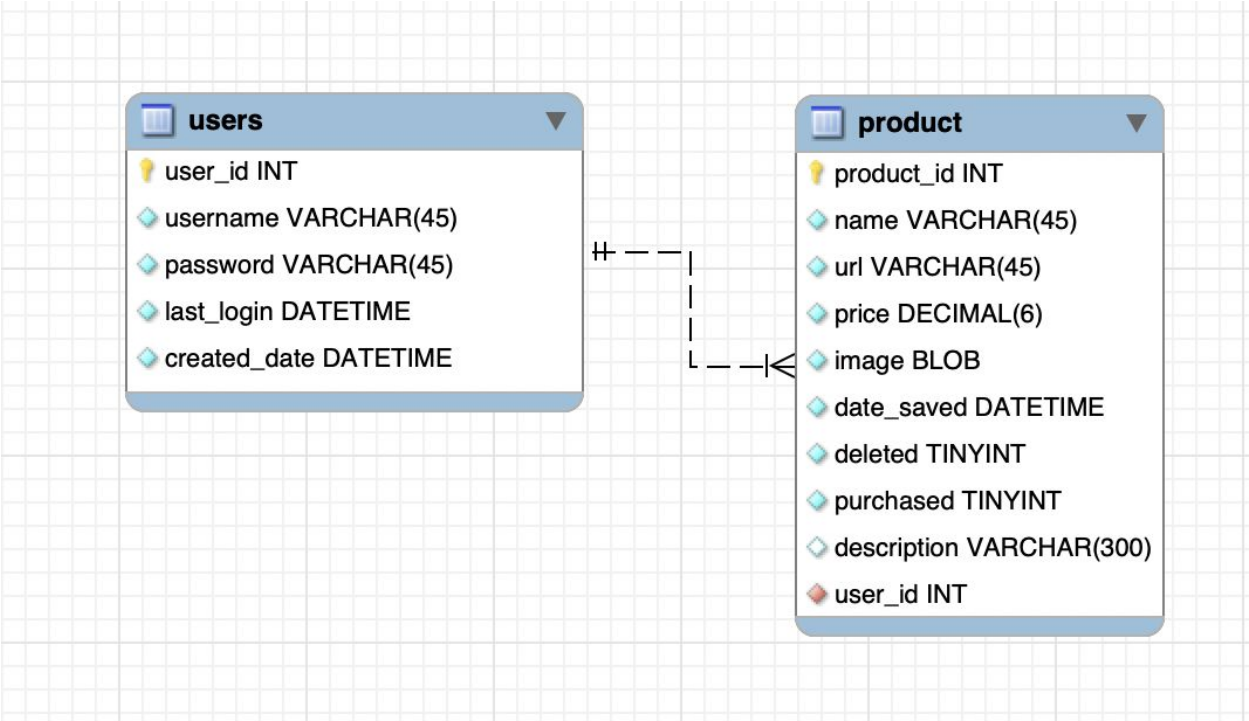


Database Design:

The database will be stored in MySQL.

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