

CS546 Final Project Proposal - Online Grocery Store

Dongming Ma | dma8@stevens.edu

Akhil Manchikanti | amanchi1@stevens.edu

Sachin Paramesha | slnu@stevens.edu

Zhu li | zli155@stevens.edu

Github repo: https://github.com/Liz79/CS546_FinalProject.git

One-liner

We are going to make an amazon-like online grocery store with functions, such as view products, new user registration, purchase products, etc.

Core features

1. Main page

Here, users can sign in, register and take a quick view of the items we are selling. Without signing in, they cannot access the billing page but all other activities are allowed. After signing in, we allow users to view shopping carts, personal information, etc.

2. Categories for products

For the sake of convenience, users can find what they are looking for by choosing one of the categories from the dropdown menu.

3. Billing system

Calculate the total expense and show what they have put in the cart. After the user clicks the "Checkout" button, we lead them to the payment and delivery address page. If the information is

not valid we reject and let them modify, otherwise we lead them to the confirmation page, which shows a fake estimated delivery date.

4. Shopping cart

At the cart, users can view, delete and modify the number of items selected and then proceed to the checkout page to purchase the products.

5. Product details display. (pictures, specifications)

A page for each product that displays a picture and some basic information so the user can make informed decisions.

6. Product searching

Would provide users basic searching function which allows them to be able to search for products' name or restrict results within a specific category.

Optional features

1. Review system

Will show ratings for the products and lead them to the comments if they click on it.

2. Order history and tracking

Keep histories and allow them to track the status of their orders (on shipping or delivered already for example).

3. Wish list

Wish list of items users added and can be moved into the cart and allow users to share their list through social media.

4. Customer Support system through email.

Users can raise their concerns through email with us.

5. Advanced searching.

Allow users to search for products by their descriptions and provide vague and associative searching.