Lavender Dangerous

Overview

weBulk is an application designed to provide users with bulk pricing discounts without the need to buy in large quantities. It works by coordinating purchase requests across many different users so that bulk pricing is achieved and then divides the total cost across the pool of buyers depending on their requested amount of product. Our web application allows users to save money by taking advantage of discounts that wouldn't otherwise be realistically available to them.

Team Members

Alex Willinder: awillinder@umass.edu   Thomas Palaschak: tpalaschak@umass.edu
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Github Repository

https://github.com/nnawathe/Lavender-Dangerous

Design Overview

Our program allows users to make requests for products, then add those items to their personal shopping carts. Each user needs their own shopping cart and a list of the requests they've made for products. For each user, their account page displays their unique shopping cart and request list. Users also utilize forms to create requests for products on the "Requests" page: users create the data (requests) and submit these requests for others to see. These submitted requests are then added to the database and associated with the user who submitted them. Lastly, users can write and submit reviews for products, which allows other users to gain a better understanding of the quality of a product they may be interested in buying. Similar to requests, these reviews are added to the database and associated with the product they rate.

Problems/Successes

Our team had an extensive discussion about what would be an appropriate and achievable team choice feature to move forward with. We had many ambitious potential ideas, but had to narrow the scope over time as we adjusted for time. In the end we decided to go with a search feature, but the journey that led us there provided much needed insight into our technical roadmap, and bolstered our team's ability to deliberate as a cohesive unit. We also dealt with minor misunderstandings in the implementation of requests and the cart, but these were eventually ironed out as the relevant group members came together to mend the issues.

The team had great success in implementing the technical details as planned, and was able to resolve differences relatively quickly, maximizing development throughput.

Team Choice

For our final phase of the project, we are planning to implement a working search that allows users to find requests or products. This would allow users to search for and select products and requests without having to scroll through each page looking for the items they want. Users could then view results by clicking links to both products and requests.

Individual Write-up

Nashant Nawathe

I worked on the requests page and the form for submitting requests, including the html for the requests page and rendering in the views. I think I did about 9% of the work.

Thomas Palaschak

I added personalized welcome messages in the user homepage depending on the user, and added some additional styling in order to make the user page easier to navigate. I created a 'Terms and Conditions' page that is linked from the User page. I tested our application to make sure user data populates correctly, and tested to make sure users can submit requests. Lastly, I created and wrote each part of the Project 3 Write-Up except for 'Problems/Successes'. I think I did about 13% of the work.

William Warner

I made model changes to make our shopping cart linkable to the user. I extended the user with a profile so that users were compatible with django authentication. Following from that, I added if statements to only show certain content on pages to authenticated users. All of our pages used to be hardcoded, and I worked on modifying them to display database content. I added an add review form to the product detail page which adds a review and validates the data. I also finished the implementation of the request submission form on our requests page. In addition, there were certain visual aspects of the site that I modified to fix formatting issues. We had some bugs relating to redirects after logout, and I worked on those as well. I contributed about 40% of the work.

Jake Celentano

I added the basic login/logout buttons and login page to the base template. I also added a password reset chain of pages as per the MDN skeleton guide. Finally, I worked on the user.html template to change the requests section from hard-coded to database fed however William ultimately coded the correct implementation. I would estimate I did about 14% of the work.

Alex Willinder

I worked on changing the cart's display in the user page from being hard-coded, to being what the user actually has in their cart. Through this I also edited some of the relationships between cart/product/user. Also helped test out the app for various bugs. I think I did 19% of the work.

Jay Famuyibo

I worked on the problems/successes section of the write up and proof read the rest of the write-up document. I probably did 5% of the work.