TEAM - TEEMO
Clothing Part Picker
https://github.com/namanshenoy/326Project

Team Overview

Team Member Name	Github Usernames
Brandon Conti	conti96
Corey Campbell	huglyfe
Corey Collins	Corey-Collins
James Hubert	JamesHubert
Naman Shenoy	namanshenoy

Design

For our login we are using an AJAX request to communicate with the server. We are using Django permission classes in order to verify the user is logged in for pages that require authentication. We use a Login / Logout form to provide the login and logout functionality to the user. Registration is used in a form, and automatically creates a cart object for each user to ensure that each user has a unique cart. CartView also has permission_classes set to [IsAuthenticated], and the cart ensures that when you add/remove a product that it doesn't add/remove it from a different user's cart. In order for a user to request to add a comment we use a function (AddCommentAPI (request of session info, data [the comment])) which returns 201 or 404 based on whether posting was successful or not. Our website fetches comments by using another function we made (GetCommentsAPI(request of page id)), this returns comments[string] or 404 (error).

Problems/Successes

The first problem we ran into was scheduling and attendance. Finding the correct time for us to collaborate was a challenge with our busy schedules. We found a mutual time because we started planning early. Github was also giving us issues. We ran into many detached head state errors and had to reset our git folders in order to fix the error. For our last submission, we forgot to add a compsci326 user to our database. We fixed this for this submission. Our other problems also stem from our last submission. One problem is that upon creation of a user, there is no cart associated with them, causing an error when a new user goes to the cart page. This had been fixed by adding a cart associated with a newly registered user to avoid any errors. Our user detail area needs more data, and we need to apply filtering for the website. As for successes, our previous submission already had user authentication provided, so we only needed to add a few tweaks in order to have a valid submission for project 3.

Team Choice for Submission

For our team choice we have decided to use vue.js for our front end. It makes the code for the front end far simpler to maintain and update. This is because Vue.js makes integration with javascript far easier. Our site is highly dynamic and requires lots of AJAX requests, making vue.js an obvious choice for our team submission.

Brandon Conti
Professor Richards
Computer Science 326
16 April, 2018

Individual Write Up Term Three

I think that everyone had contributed equally for term project 3. As our project already contained some authentication, there were only minimal parts to add. I participated in the writeup with Corey, as well as adding more functionality to the website and fixing bugs. This included fixing the filters in the left sidebar. I also assisted Corey Collins in adding comments to the site. I assisted Naman with making the vuetify registration pages. At the coding session I brainstormed ways in which we could use Vue JS and deploy the website for the final project. Overall I feel like everyone contributed well to the project. I feel as though we are well off on the project and with our finishing touches we will have a successful website to continually improve on after this class.

Corey Campbell (28905111)
Professor Richards
Computer Science 326
16 April, 2018

Individual Write Up Term Three

The workload split for project three was similar to that of project two. Bandon and I handled the documentation and assisted Corey Collins, James, and Naman with developing both the front and back ends. A lot of the authentication was already handled with the last submission so there was far less work overall this time. I was with the team during our coding session when all of the coding was done and felt like I contributed my part with ideas. During the coding session I spent most my my own typing time writing the document. I assisted Naman with adding authentication to vuetify templates. I feel that I and the rest of the team contributed fairly to our success this term.

Corey Collins
Professor Richards
Computer Science 326
16 April, 2018

Individual Write Up Term Three

  For this part of the project, I focused my attention on the back end of the project. I took lead on getting the comments to work. The comments section is a large section of our site and adds a new feature to our site. I helped Corey Campbell review the documentation and gave him some notes for the design write up. I felt like the team came together during the team coding session. There shouldn't be much more work for the final and I feel like we can handle this easily.

James Hubert
Professor Richards
Computer Science 326
16 April, 2018

Individual Write Up Term Three

      For this portion of the project a lot of the authentication was done previously in the prior submission so there was less to do. I helped make some changes to the front end and helped with the comments section. I helped address the issue with the filters with Naman and Corey Collins. I helped Naman with the new templates and getting the comments to work. I feel like we all worked together well as a team and should be able to finish the final project on time.

Naman Shenoy
Professor Richards
Computer Science 326
16 April, 2018

Individual Write Up Term Three

For this project, I coordinated the completion of the backend API and helped James and Brandon with the front end in addition to my own development of the site. I feel I contributed effectively to the completion of the project and wrote around 30% of the code. There was a lot of code pre-written for this project, so other than tweaking the code to work well with authentication (such as: making sure users are logged in before clicking Cart, Add to cart, etc.) and building the registration page and login page. I feel that there is more that we can do to complete this project and improve it as a product, but for now, I think we did a pretty solid job as a team! As of now, we still render templates with Vuejs script within it, causing issues such as repeated code, navbar activation, requiring a page refresh for items to display after a change, etc... but I would like to separate the frontend and backend as two different loosely linked components using VueJS to it's full extent and use Vue-Router to change routes and render pages with a node-django-postgresql-vue stack and deploy it to Heroku by the end of the term.