Palette5

Members: Amy Bowers, Nathaniel Covington, Ethan Epperson, Austin McCutcheon,
Khizar Pasha, Catherine Xie

Project Description:

Together we created an interactable artwork social network website for users to browse
artists, artwork, and local events. The goal of our website is to allow artists and
art-enjoyers to interact with other artists on a more local and personal level. Since there
are no current platforms for artists and art-enjoyers to find local artists, Palette5 was
created.

Users can register an account on Palette5, on which they are able to view artwork,
follow artists, and add comments on their artworks. Users can also find local events in
their area and add them to their event calendar. They are also able to upload their own
artwork on their profile, of which will also appear on their user profile page.

Project Tracker: https://github.com/users/eth4n-e/projects/1

Video Demo (5 min or less):

Video without the second login (less than 5 min):

📄 Untitled video - Made with Clipchamp_1714412796489.mp4

Alternate link: https://drive.google.com/file/d/1pD5ILPW1OCoY61C_nN742_ZGJ1bumH1H/view?usp=sharing

Video with second login (same video but with 30 extra seconds showing what happens
when a second user logs in, these last 30 seconds are not essential to the project demo,
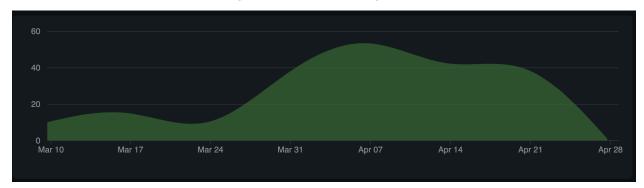but they do take the video a little bit over the 5 min. mark)

📄 **Recording 2024-04-24 220502.mp4**

Alternate link: https://drive.google.com/file/d/1WEOCR7KDrBKF5jK3HghFdWneeIo6ldIv/view?usp=sharing

VCS (git repository): https://github.com/eth4n-e/csci3308-Gallery5

Contributions:

Note: users austinmcc1908 and battlegnome1908 both belong to Austin

KhizarPa #1
59 commits 8,354 ++ 1,856 --

eth4n-e #2
50 commits 2,114 ++ 1,924 --

battlegnome1908 #3
40 commits 3,431 ++ 2,251 --

amyjbowers #4
39 commits 1,985 ++ 1,248 --

austinmcc1908 #5
16 commits 353 ++ 79 --

nate-covs #6
7 commits 77 ++ 51 --

caxi8656 #7
5 commits 148 ++ 38 --

	Title	Assignees	Status	Labels	Repository	Linked pull requests	Story Points
1	Logout Page Browsing #6	nate-covs	Done		eth4n-e/cscl3308-Ga...		3
2	Successful Logout and Option to Log Back In #11	nate-covs	Done		eth4n-e/cscl3308-Ga...		3
3	Registration Display #13	amyjbowers	Done		eth4n-e/cscl3308-Ga...		2
4	Display User Profile #14	caxi8656	Todo		eth4n-e/cscl3308-Ga...		5
5	Create "Your Artwork" for User Profile #16	caxi8656	Todo		eth4n-e/cscl3308-Ga...		5
6	Display POI #15	KhizarPa	Done		eth4n-e/cscl3308-Ga...		3
7	Artwork related tables #56	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
8	Find Local Events #17	KhizarPa	Done		eth4n-e/cscl3308-Ga...		3
9	Login Routing #3	amyjbowers	Done		eth4n-e/cscl3308-Ga...		3
10	Collection- Frontend display of different collections #10	austinmcc1908 an...	Done		eth4n-e/cscl3308-Ga...		2
11	Collection Page- Creating new collections #5	austinmcc1908 an...	Done		eth4n-e/cscl3308-Ga...		5
12	Registration Routing #9	amyjbowers	Done		eth4n-e/cscl3308-Ga...		3
13	Individual Artwork API #55	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
14	Individual Artwork Display #54	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
15	Login Display #8	amyjbowers	Done		eth4n-e/cscl3308-Ga...		2
16	Discover Display #25	eth4n-e	Done		eth4n-e/cscl3308-Ga...		2
17	Display Artworks #4	eth4n-e	Done		eth4n-e/cscl3308-Ga...		2
18	Initialize Database #21	eth4n-e	Done		eth4n-e/cscl3308-Ga...		5
19	Discover API #24	eth4n-e	Done		eth4n-e/cscl3308-Ga...		5
20	Artworks API integration #7	eth4n-e	Done		eth4n-e/cscl3308-Ga...		5
21	Build CREATE/INSERT .sql files #27	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		3
22	Discover api calls #28	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
23	Artwork api calls #29	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
24	Artwork api calls #30	eth4n-e	Done		eth4n-e/cscl3308-Ga...		
25	Display various Artists from different "genes" or genres #39	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		
26	Navigation Bar with Responsive Menu #1	amyjbowers, austi...	Done		eth4n-e/cscl3308-Ga...		2
27	Display single artist from list #58	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		
28	Add related artworks and related artists to the artist-specific page #59	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		
29	Display an explore-artists page #60	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		
30	Follow Artist #61	austinmcc1908	Done		eth4n-e/cscl3308-Ga...		
31	User Images #64		Done		eth4n-e/cscl3308-Ga...		

Amy Bowers:

I began with the foundation of the project, starting up some of the partials, mainly focusing on the navbar at the beginning. I made sure to redirect all users to login if not registered, and showing the username to redirect to a profile page if logged in. I worked on the login and registration, as well as updating small details as needed or requested. I worked on the events page a little bit to get it to load without clicking to send the user's location, and added modals to the events page and 'add comment' modal in artworks.

Nathaniel Covington:
I first began with creating a simple logout page to return users to login or register. I then began working on some of the testing with chai and mocha. I also worked on the written user acceptance test cases. I offered help to anyone that needed it with their projects. I worked on the upload feature and finished it up with Khizar. I then worked on the user commenting and wrote some queries in the backend for that to be used to generate the comments and gave that to Ethan to implement it on the front end.

Ethan Epperson:

I carried out the full-stack implementation of the discover, artworks and single artwork pages. The discover page involved multiple API calls to fetch artworks, artists, and events. The artworks page had a similar design as the discover page, this time only utilizing a single API call to fetch artworks. The single artwork page displayed important information about a singular artwork including an image, title, and description. I developed features to show related artworks and to add comments to an artwork. This involved work on the PostgreSQL database. I also implemented the collections display on the profile page.

Austin McCutcheon:

I was responsible for the full-stack implementation of two pages:

- An explore All Artists page that generates a semi-random list of artists from the Art Institute of Chicago API.
- A singular Artist page that dynamically displayed artist information and related artworks and related artists.

I also designed the modular PostgreSQL database to allow the team to add further information as needed. I created the method for following and displaying the artists, replicated in Ethan's collections. I assisted the Discover page's relational calls, learned to implement front-end calls to external APIs, and assisted in debugging and merging branches.
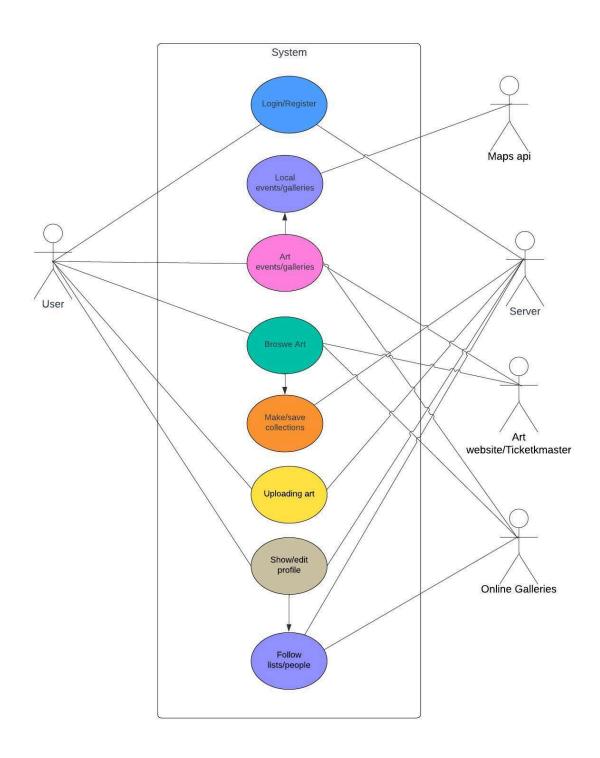
Khizar Pasha:

I created most of the events page (everything except making the modal), and fully implemented the entire user images portion of the project. I used the Google Maps API on the events page to make the user events calendar proximity based, and to display POI. I also used ticketmaster to display general events, and a Cloudinary/Multer combination for the userimages framework. I also came up with the database scheme for comments, and was patching general bugs in the backend as they came up. I did the unit tests too.

Catherine Xie:

I contributed the code for the profile page for both front-end and back-end. I also coded parts of the profile.hbs, such as the alignment of the text and displaying the user's artworks and art collection. I also linked the nav.hbs to the user profile so users can click it and be brought to the profile page.

Use Case Diagram:

Wireframes

We put all the Wireframes in Figma:

https://www.figma.com/file/QBgACBJmyqy5YFnarhrDG2/Gallery5-Wireframes?type=design&node-id=0%3A1&mode=design&t=FULxwnrld1cYQ0qS-1

Deployment: Previously deployed at:

      recitation-011-team-5.eastus.cloudapp.azure.com:3000/login

User Testing: Testing user Tiya, here we observed:

Test Cases to Watch For:

- Successful Registration Page Render
- Empty Username
- Successful Login
- Incorrect Login Information
- User Not Found

What is the user doing?

- Tiya made an account and tried a wrong password in the login to receive an error message. She was clicking between the pages on the navbar to test if all links were functioning and working.

What is the user's reasoning for their actions?

- Since Tiya is a student in CSCI 3308, she knows the expectations of the project and wants to test the functionality of the entire website. She looked through the test cases from Lab 11 and tried each of them to make sure the right output was functioning correctly.

Is their behavior consistent with the use case?

- I believe her behavior aligned with the use cases and checking for bugs.

If there is a deviation from the expected actions, what is the reason for that?

- I didn't see any deviation from expected actions.

Did you use that to make changes to your application? If so, what changes did you make?

- Feedback from Tiya was just to update the formatting for the profile page to look a little bit nicer. Also to see a full calendar month rather than a week.