Title: Color Coded

Who: Catherine Xie, Ethan Kellerhals, Chris Rookey, Zach Griffith

Project Description:

Color coded is an application designed to provide the user with color codes to implant into their own projects. The user does not need to sign in to use the service, but has the option to create an account in order to save previous colors. The user is first greeted by the home page where they will be met with a large RGB spectrum that spans across the width of the page. This spectrum has a slider range attached to it, giving the user the ability to change the brightness of all the colors simultaneously. Once the user has chosen a color, a modal appears presenting the user with the hex code, a sample of the color, and a view of their history of saved colors, provided they are logged in. If they are not logged in, no colors are saved. There is also an about page that can be reached by the navbar. It gives the user our names and links to our github, instagram, etc. It was originally intended to have the functionality to suggest colors, but due to lack of time, we didn't get that far though the core functionality is solid.

Project Tracker: Jira

Video:

VCS: Github Project Page

Individual Contributions

- Ethan: for this project, I wrote the HTML/CSS (index.ejs/login.html/register.html/about.html/style.css) of the website. I used bootstrap grid systems as a guide, but ultimately had to create my own grid system for the homepage/modal. The spacing/containers/cols/rows (the areas on the site for the JavaScript to go) were my biggest contributions, in my opinion. It was a lot of trial and error to get the correct look, which is what took the most time for me.

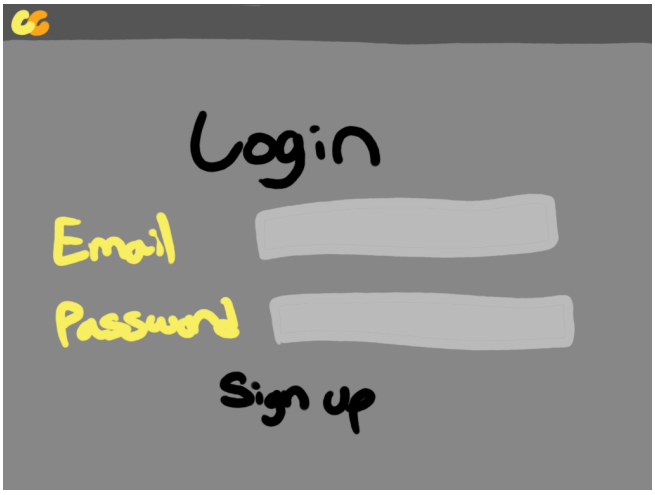
- Chris: for this project, I wrote javascript that imported an image, extracted the RGB color value of the pixel under the mouse pointer, converted it into a hex value, and displayed it on screen. I converted our project from pure html and js files to being a mixture of html, js, and ejs files, re-organized the project and made it compatible with node.js, and added node.js to the project. I created the postgres database we used to store user information, set up the connection between server.js and the database, and wrote all the get and post requests going to and from the database, and I made the scripts that load the information from the post requests back into the page, and stored the user login on the page.

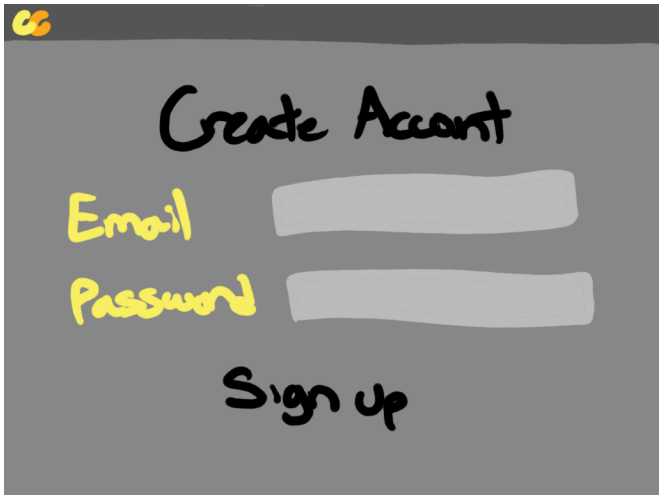
- Zach: For this project, I contributed to functionality and the look of the main webpage. Originally we wanted a circular color wheel with the brightness slider, but in the end I

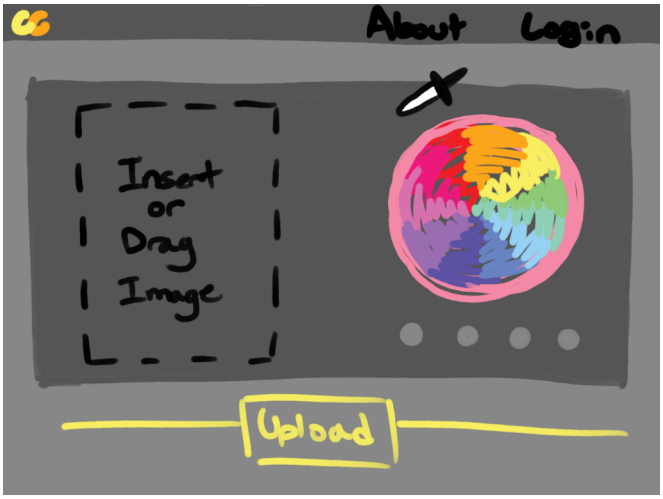
found a rectangular RGB spectrum that I then implanted into the page and formatted it to make it look nice. My largest contribution was probably figuring out the slider to change the properties of the background image of the canvas. I had to learn a lot about Image contexts to even know how to do it so the learning curve there was pretty hefty.

- Catherine: For this project, I contributed the visual design aids displayed below. The goal was to create our website to be as user-friendly as possible. I drew on my color theory background to create a visually appealing and easy to navigate website for this project. The background was designed to be in shades of gray to make the color wheel pop out. There are also texts of yellow and orange to be easily visible to users. Unfortunately our final product was unable to meet the visual goal we had set at the beginning due to time constraints. Our final product still follows similar design principles, to be user-friendly.

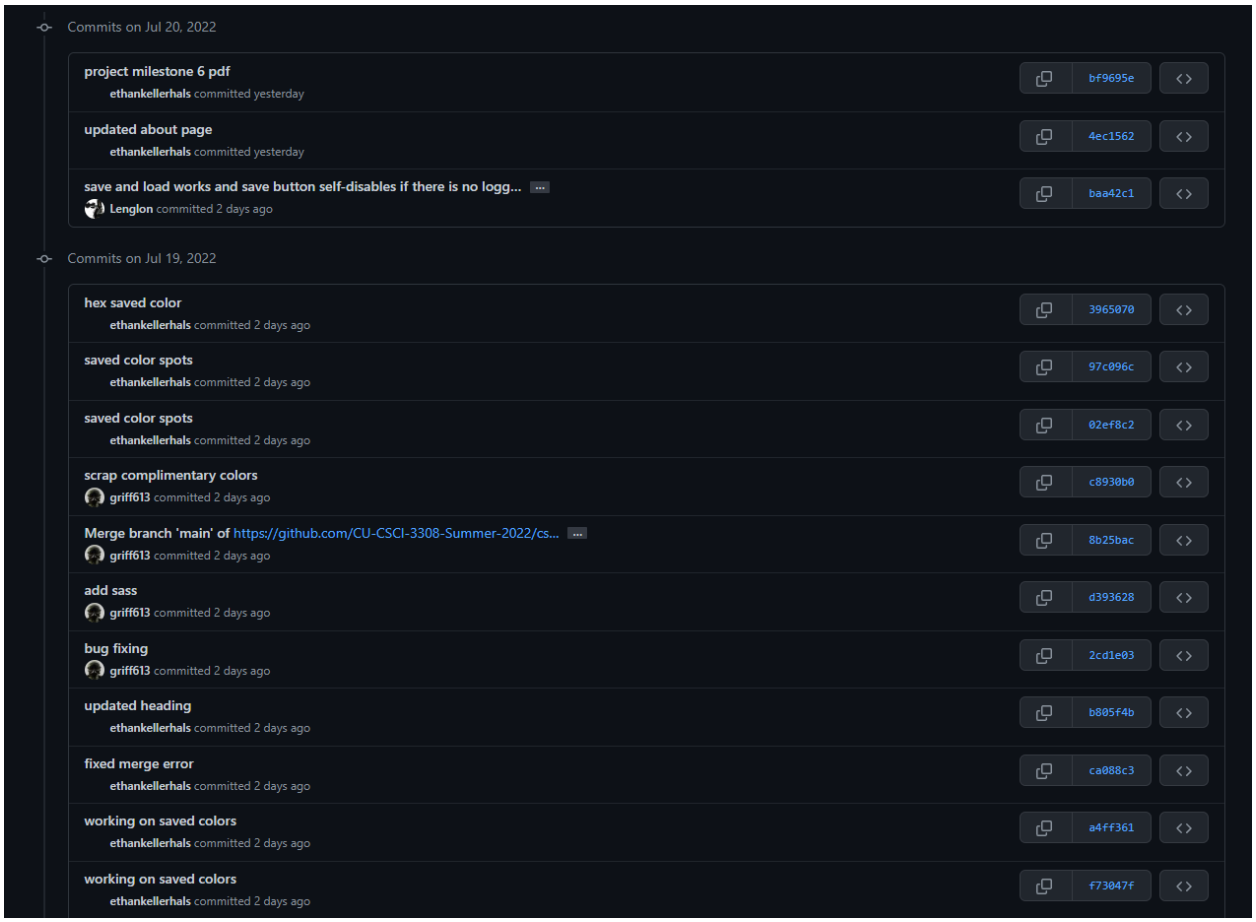

About
Login
R
G
B
Save
Upload

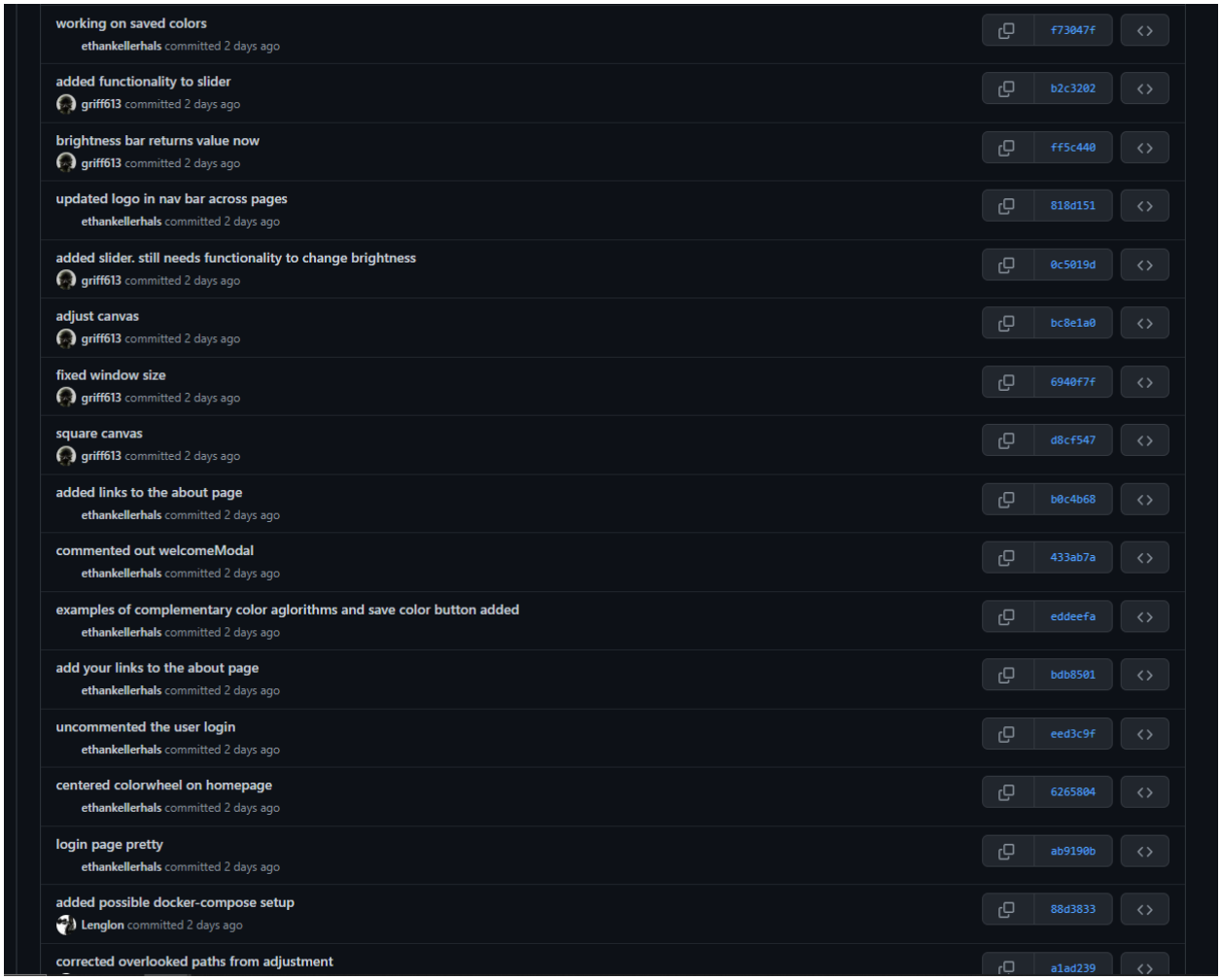

Login
Email
Password
Sign up

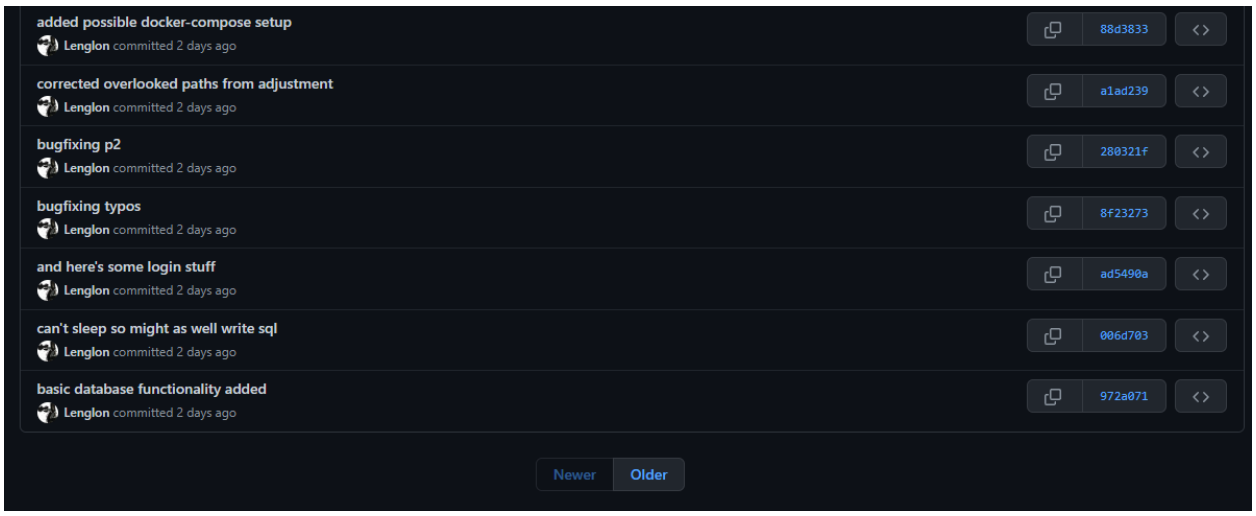

Create Account
Email
Password
Sign up

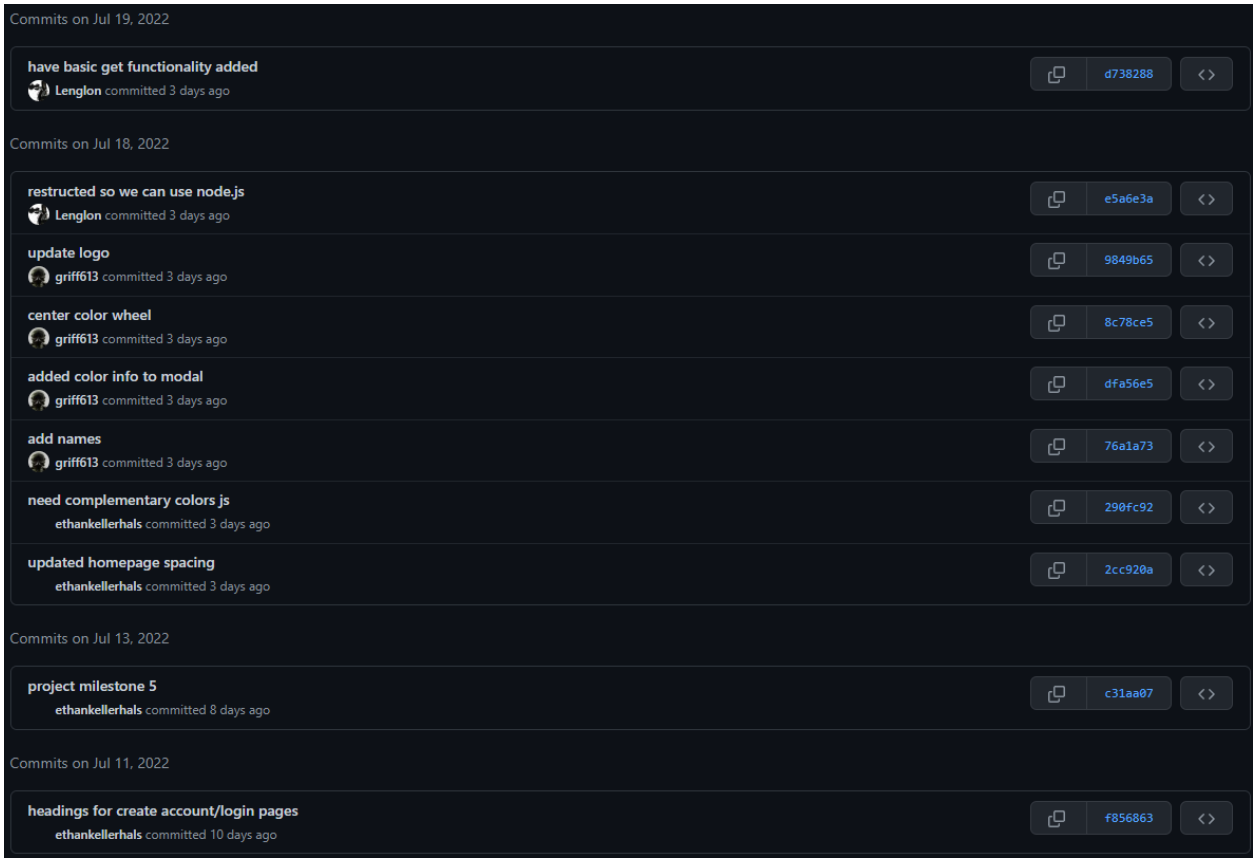

About
Login
Insert
or
Drag
Image
Upload

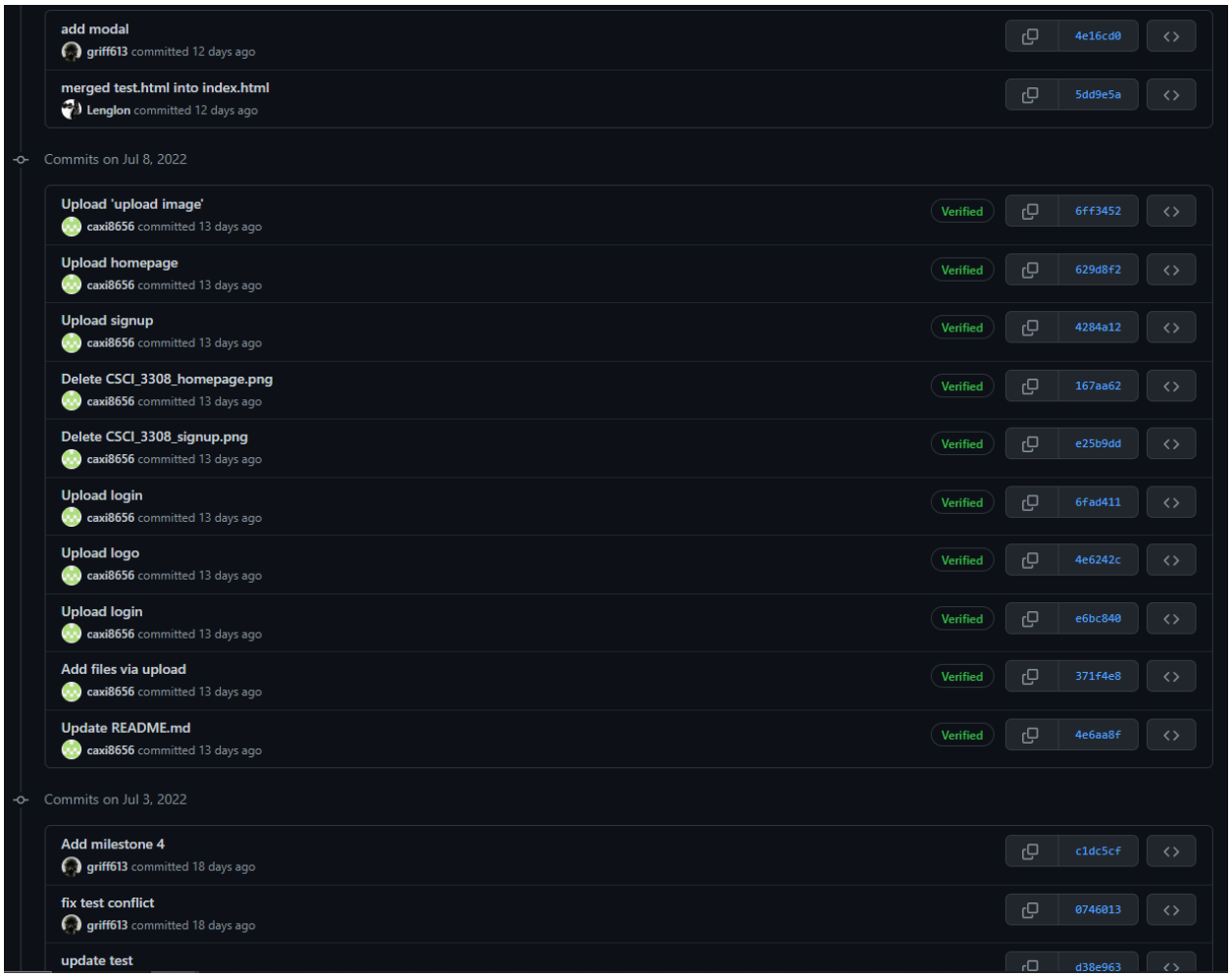
https://docs.google.com/document/d/16iklGuD-9zGY8qVaxV252iVmuJobQ7BgV0YEbYlE-lQ/edit?usp=sharing

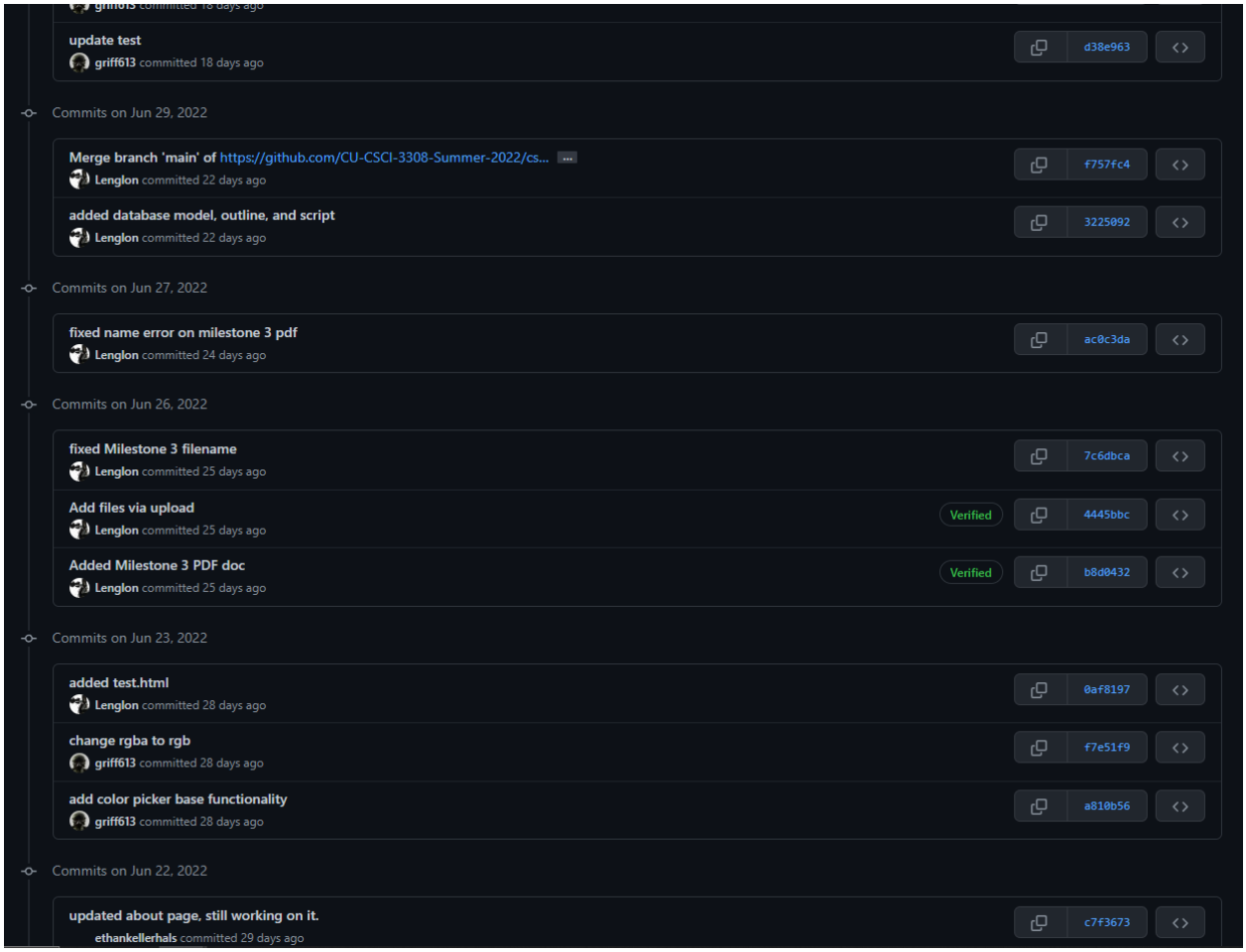


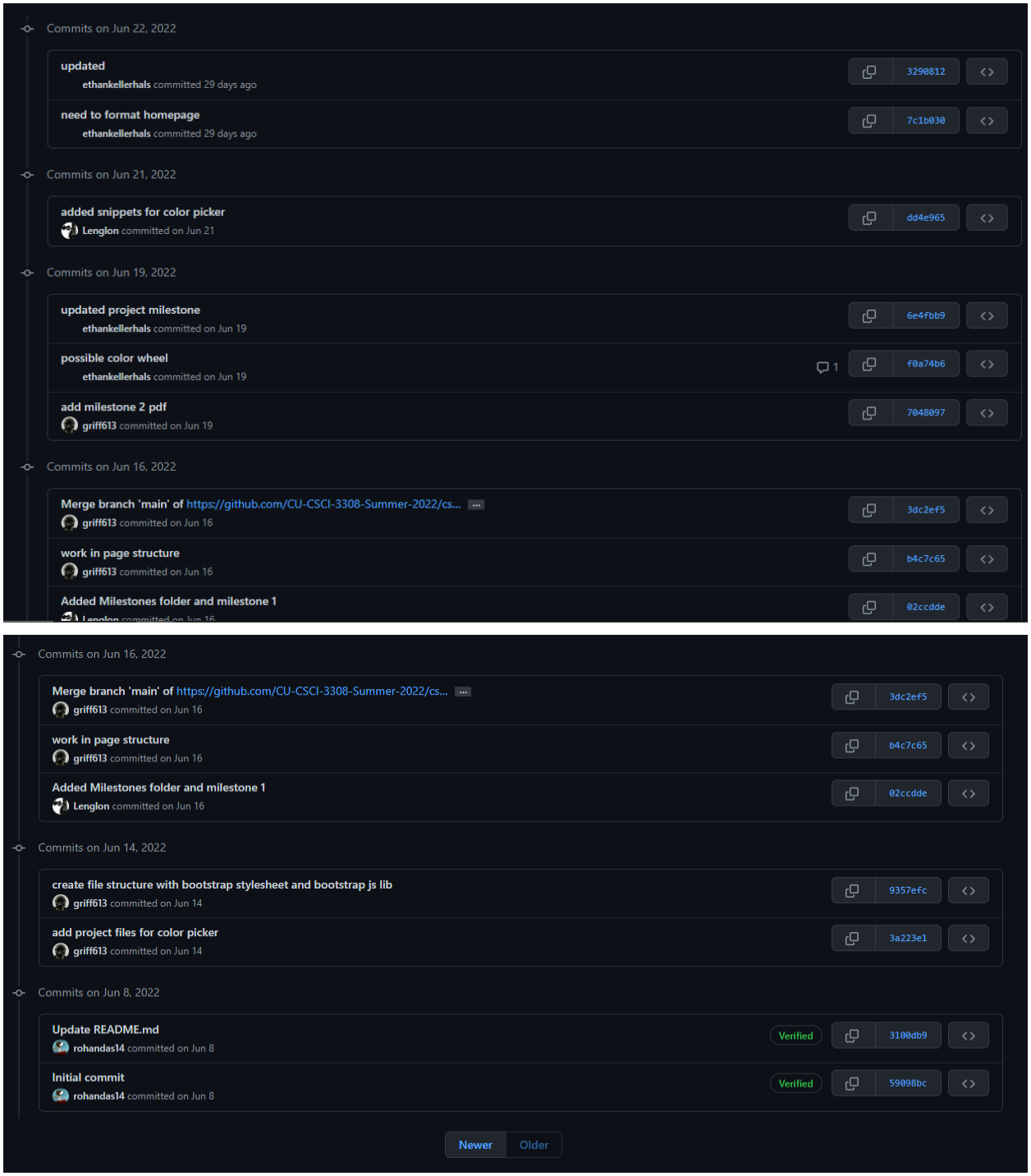

working on saved colors
ethankellerhals committed 2 days ago
f73047f
added functionality to slider
griff613 committed 2 days ago
b2c3202
brightness bar returns value now
griff613 committed 2 days ago
ff5c440
updated logo in nav bar across pages
ethankellerhals committed 2 days ago
818d151
added slider. still needs functionality to change brightness
griff613 committed 2 days ago
0c5019d
adjust canvas
griff613 committed 2 days ago
bc8e1a0
fixed window size
griff613 committed 2 days ago
6940f7f
square canvas
griff613 committed 2 days ago
d8cf547
added links to the about page
ethankellerhals committed 2 days ago
b0c4b68
commented out welcomeModal
ethankellerhals committed 2 days ago
433ab7a
examples of complementary color aglorithms and save color button added
ethankellerhals committed 2 days ago
eddeefa
add your links to the about page
ethankellerhals committed 2 days ago
bdb8501
uncommented the user login
ethankellerhals committed 2 days ago
eed3c9f
centered colorwheel on homepage
ethankellerhals committed 2 days ago
6265804
login page pretty
ethankellerhals committed 2 days ago
ab9190b
added possible docker-compose setup
Lenglon committed 2 days ago
88d3833
corrected overlooked paths from adjustment
a1ad239


added possible docker-compose setup
Lenglon committed 2 days ago
88d3833
corrected overlooked paths from adjustment
Lenglon committed 2 days ago
a1ad239
bugfixing p2
Lenglon committed 2 days ago
280321f
bugfixing typos
Lenglon committed 2 days ago
8f23273
and here's some login stuff
Lenglon committed 2 days ago
ad5490a
can't sleep so might as well write sql
Lenglon committed 2 days ago
006d703
basic database functionality added
Lenglon committed 2 days ago
972a071
Newer
Older


Commits on Jul 19, 2022
have basic get functionality added
Lenglon committed 3 days ago
d738288
Commits on Jul 18, 2022
restructed so we can use node.js
Lenglon committed 3 days ago
e5a6e3a
update logo
griff613 committed 3 days ago
9849b65
center color wheel
griff613 committed 3 days ago
8c78ce5
added color info to modal
griff613 committed 3 days ago
dfa56e5
add names
griff613 committed 3 days ago
76a1a73
need complementary colors js
ethankellerhals committed 3 days ago
290fc92
updated homepage spacing
ethankellerhals committed 3 days ago
2cc920a
Commits on Jul 13, 2022
project milestone 5
ethankellerhals committed 8 days ago
c31aa07
Commits on Jul 11, 2022
headings for create account/login pages
ethankellerhals committed 10 days ago
f856863


add modal
griff613 committed 12 days ago
4e16cd0
merged test.html into index.html
Lenglon committed 12 days ago
5dd9e5a
Commits on Jul 8, 2022
Upload 'upload image'
caxi8656 committed 13 days ago
Verified
6ff3452
Upload homepage
caxi8656 committed 13 days ago
Verified
629d8f2
Upload signup
caxi8656 committed 13 days ago
Verified
4284a12
Delete CSCI_3308_homepage.png
caxi8656 committed 13 days ago
Verified
167aa62
Delete CSCI_3308_signup.png
caxi8656 committed 13 days ago
Verified
e25b9dd
Upload login
caxi8656 committed 13 days ago
Verified
6fad411
Upload logo
caxi8656 committed 13 days ago
Verified
4e6242c
Upload login
caxi8656 committed 13 days ago
Verified
e6bc840
Add files via upload
caxi8656 committed 13 days ago
Verified
371f4e8
Update README.md
caxi8656 committed 13 days ago
Verified
4e6aa8f
Commits on Jul 3, 2022
Add milestone 4
griff613 committed 18 days ago
c1dc5cf
fix test conflict
griff613 committed 18 days ago
0746013
update test
d38e963


griff613 committed 18 days ago
update test
griff613 committed 18 days ago
d38e963
Commits on Jun 29, 2022
Merge branch 'main' of https://github.com/CU-CSCI-3308-Summer-2022/cs...
Lenglon committed 22 days ago
f757fc4
added database model, outline, and script
Lenglon committed 22 days ago
3225092
Commits on Jun 27, 2022
fixed name error on milestone 3 pdf
Lenglon committed 24 days ago
ac0c3da
Commits on Jun 26, 2022
fixed Milestone 3 filename
Lenglon committed 25 days ago
7c6dbca
Add files via upload
Lenglon committed 25 days ago
Verified
4445bbc
Added Milestone 3 PDF doc
Lenglon committed 25 days ago
Verified
b8d0432
Commits on Jun 23, 2022
added test.html
Lenglon committed 28 days ago
0af8197
change rgba to rgb
griff613 committed 28 days ago
f7e51f9
add color picker base functionality
griff613 committed 28 days ago
a810b56
Commits on Jun 22, 2022
updated about page, still working on it.
ethankellerhals committed 29 days ago
c7f3673



Deployment: We deployed this project locally so it is not hosted through Heroku or any similar service. If one wanted to access the page, they would follow the link to the github repository above and host it locally using docker, localhost:8000.