

Milestone 4

Revised Project Features list:

1. Color Select

- user is able to pick a color and get an RGB, CMK, HTML, etc value for it
- Generate color palette for uploaded image
- Adjust brightness of colorwheel.

2. Login

- Saves the previous colors chosen, user presets
- Stores user accounts with this information

3. HTML conversion

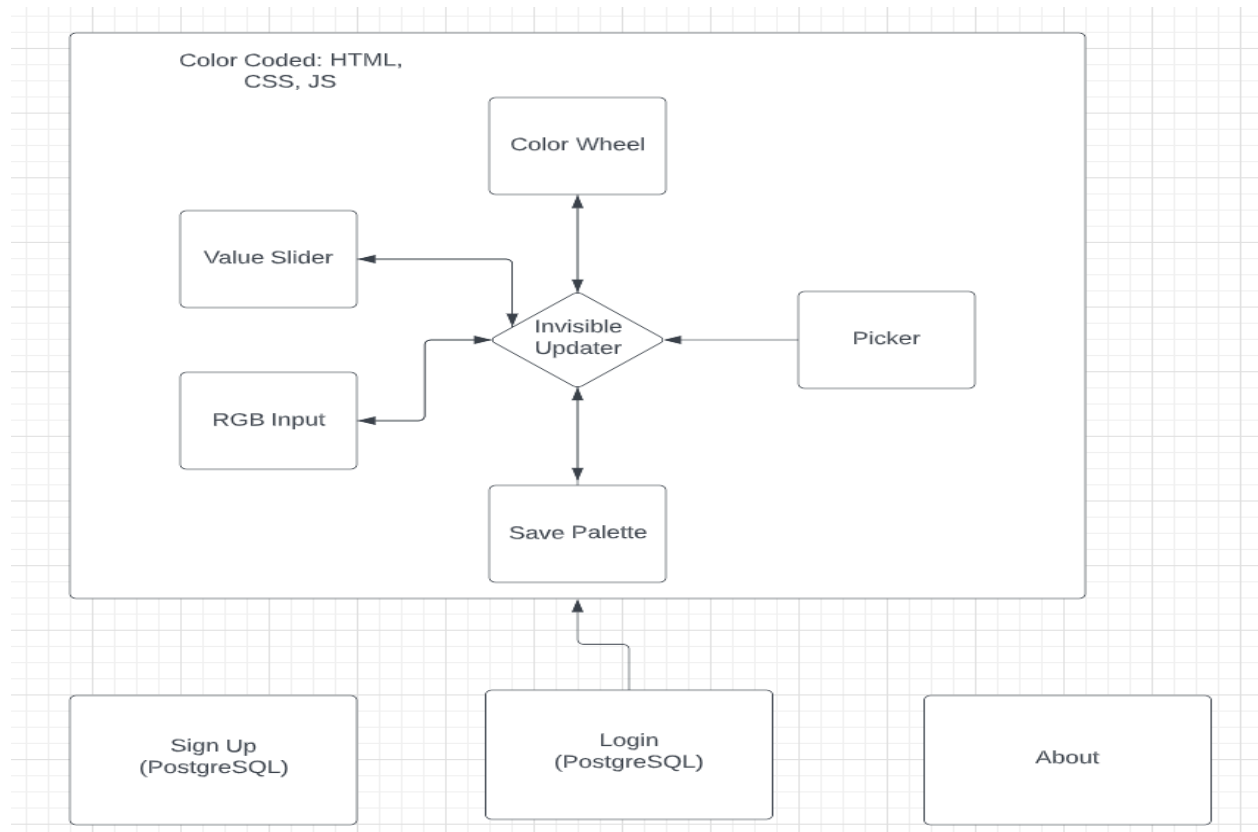
- User is able to convert a color from one format to another.

4. Color Suggestions

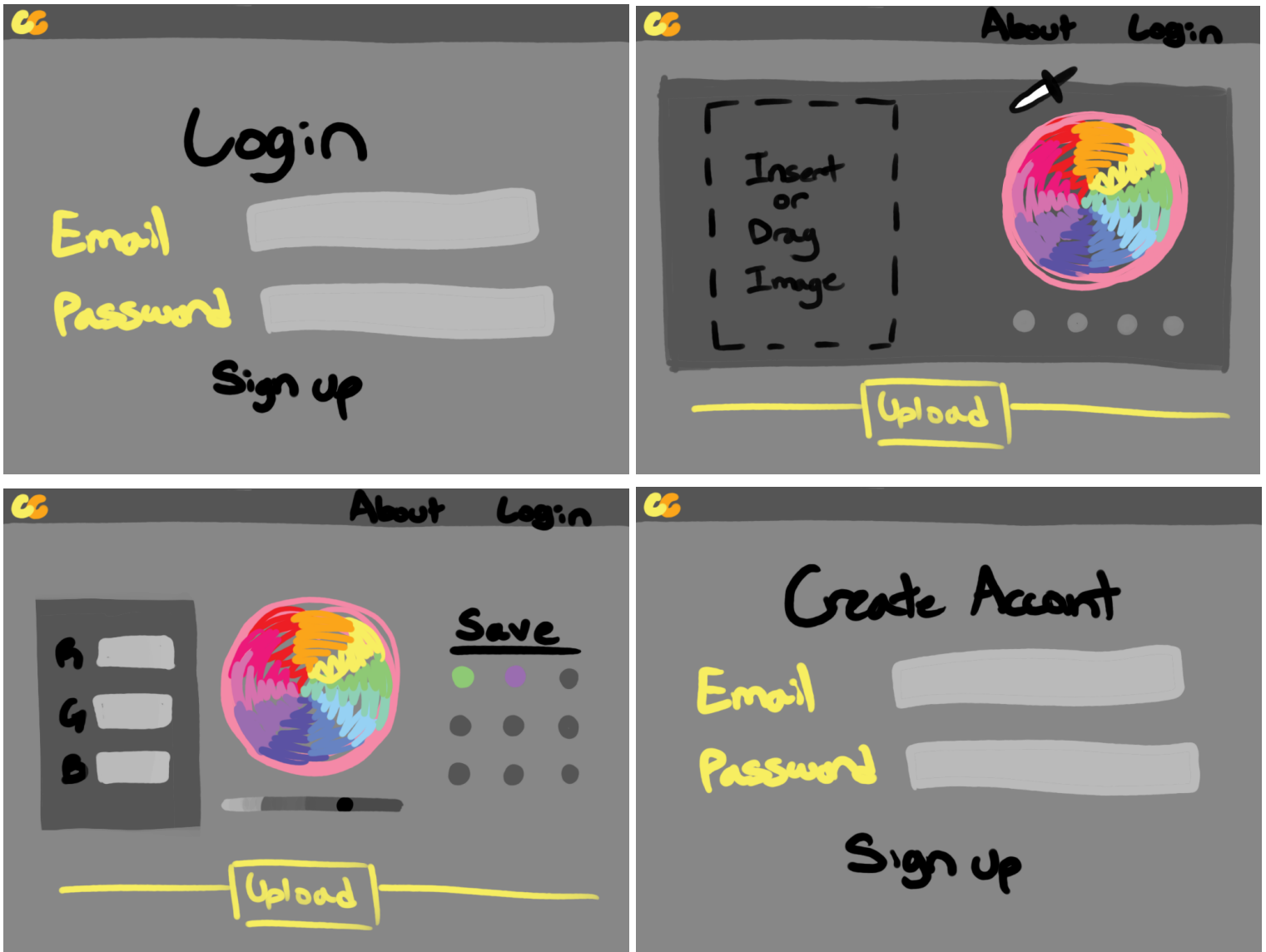
- Gives complementary color suggestions based upon chosen color.

Architecture Diagram:

We are using Event Driven Architecture. Much of the functionality depends on the user selecting a color.



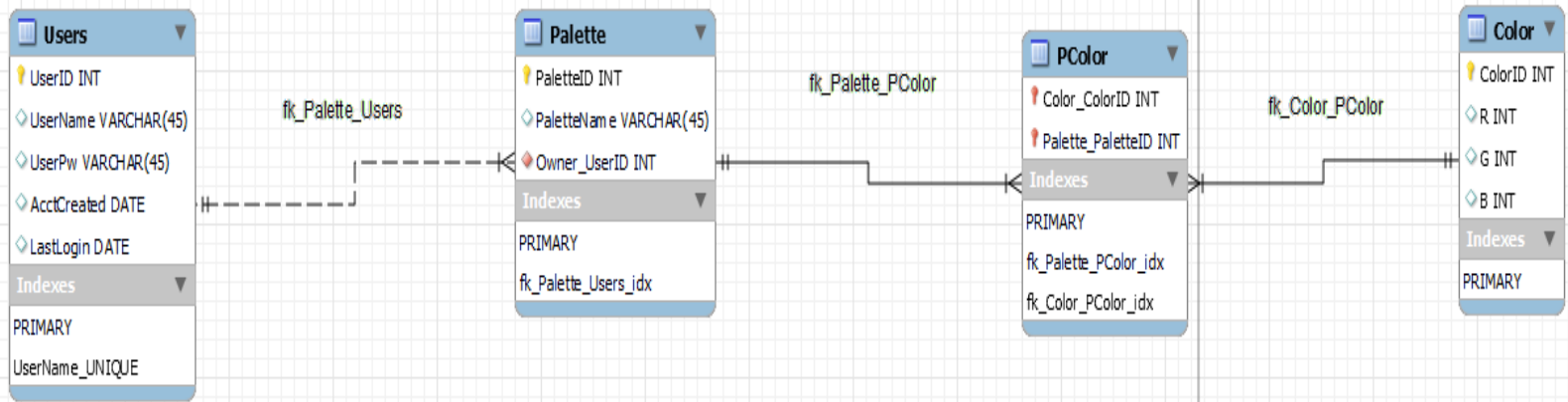
Front End Design:



Web Service Design:

- No Web services.

Database Design:



Challenges:

- Organization of work has been a challenge so far, but the farther along in the project we get, it becomes more clear how the work should be divided.
- Deciding on which technologies to use.
- Starting out, communication across the team has been difficult, but similar to organization of work has become better over time.

Individual Contributions:

- **Chris:** In charge of database and application functionality. Created database model, outline and script. Added functionality to Color wheel
 - <https://github.com/CU-CSCI-3308-Summer-2022/csci-3308-summer22-003/commit/3225092e0464bbb6cbb71d9edb62bd3e78295d49>
- **Ethan:** Set up and styled the home, about, login, and registration pages, applying previous knowledge of web development.
 - <https://github.com/CU-CSCI-3308-Summer-2022/csci-3308-summer22-003/commit/c7f3673713022664a96e086c20d78d59de459dbd>
- **Catherine:** Does all of the artistic renderings and concept designs. Made the home screen visualizations above.
 - No Commits yet.
- **Zach:** Re-structured Jira board. Contributed to front-end development working alongside Chris designing the Color wheel.
 - <https://github.com/CU-CSCI-3308-Summer-2022/csci-3308-summer22-003/commit/a810b566f3dd80a5e53aeb4be1e67101a6a2f885>