

Team 657

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PixelArt

- Pixel Art Creator
- 30x30 Grid
- Custom Colors
- Web Application
- Intuitive user interface

Time Management

Hits and Misses

- 10/13 - Color picker

- 10/20 - Pixel grid

~~- 11/03 - Shake to undo~~

11/03 - Custom Color

~~- 12/01 - Dynamic grid size~~

~~- 12/08 - Cloud functionalities~~

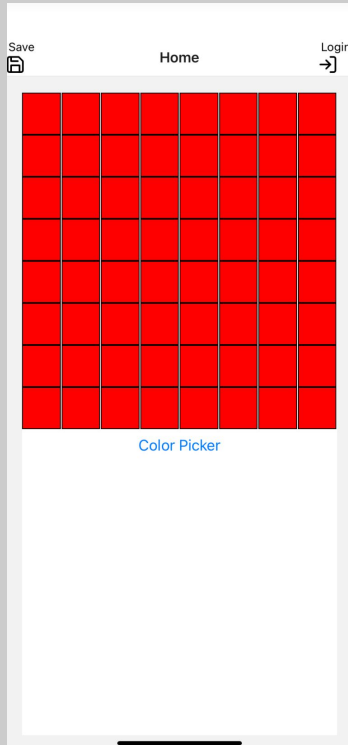
Post Midterm Changes

Functionality

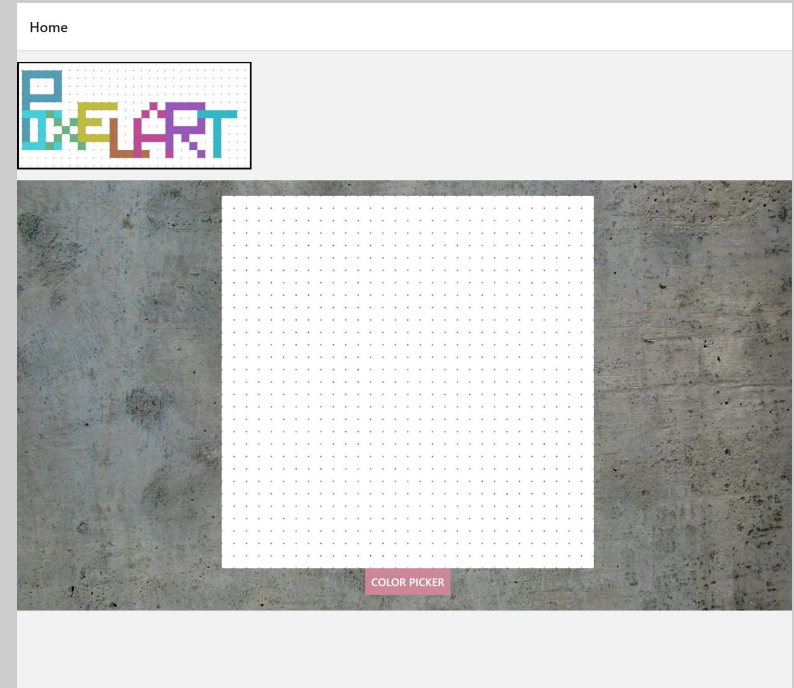
- Web Application
- Removed
 - Firebase
 - Social Media
 - Save/Export

Changes to the Interface- Home Screen

Midterm

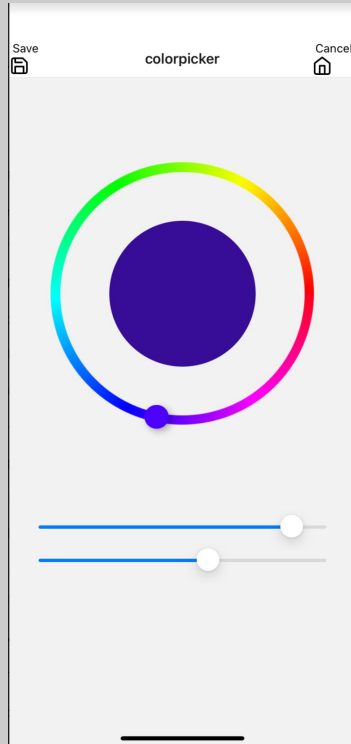


Final

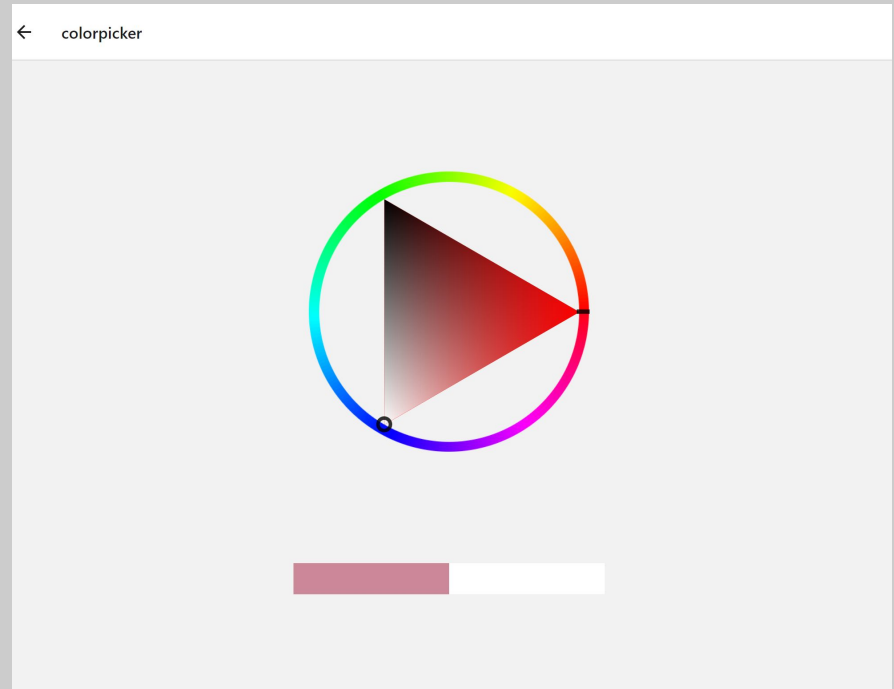


Changes to the Interface- Color Picker

Midterm



Final



Change of Management Plan

Application Goals:

- Contract through a big Crayon
- Application that is created and marketed to k-12 students
- Crayon company is offering a scholarship to k-12 students for the completion of a pixel art image
- The Crayon company would like the color data back

Ethical/Security Concerns:

1. How can we keep the children safe from social media?
2. How can we ensure that the only data collected is the color data?
3. Ease of usage for children.
4. How will they access the application?
5. If you are not collecting data how will they submit their artwork?

Change of Management Plan: Addressing Concerns

- We removed all login and export information
- Transferred it to a web application
- Partnered with the big crayon industry to create a promo/instructional video
- It can be accessed on any machine that can open a web browser
- Artwork is submitted via login on the crayon companies website



PixelArt

[Demo](#)