

Project title: Avant-garde (eye-tracking drawing application)

Team number: 3

Team member: Choi Lam Wong, Nian Ran, Eduardo Battistini

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This two week we continued to focus on the functionalities and UI design. To extend the color themes, Nian Ran added a new popup window for the preset and user-defined color themes choosing. And Choi Lam Wong cleaned up the old code and went on completing the curve drawing mechanisms. Apart from that, Eduardo Battistini kept improving the UI design in the application to make it more user-friendly and tidy, also, he arranged the meetings and the tasks in our team.

Tasks completed:

Nian Ran:

1. Integrated the save button, which saves the canvas as jpg images file, with the new UI in the application.
2. Added the auto-change ink color in the fleur mode that it will change to a random color in every next line
3. Made a color combination UI which collects several preset color combinations from the internet, and a auto-saved and user-defined color combination.
4. Added a circulation option in the color combination functionality. This makes the auto-change color function changes color according to the preset color combination or the user-defined themes.

Choi Lam Wong:

1. Refactored the curve drawing and other drawing mechanisms codes
2. Modularized the previous code in the application

Eduardo Battistini:

1. Made a new UI for the application which is cleaner and more beautiful

2. Added a fly out for changing brush sizes
3. integrated gaze interactions with fleur

So far the project is running on time and for the rest of time we will add new functionalities for the application

Plan for the next two week:

1. Completing the curve drawing mechanisms and make two vertical joystick appear to help modify the curve shape
2. Fix some small bugs in the previous codes and tidy up them
3. Add the functionality of drawing shapes
4. Integrate all the features and ensure they work in the right way