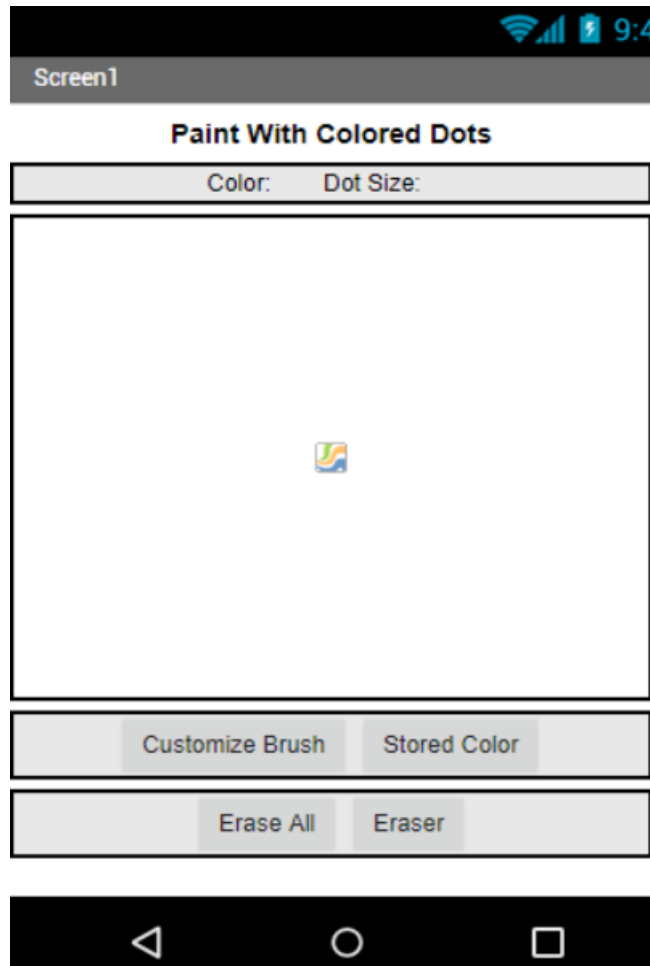


Colored Dots

By: Gracy Sutaria and Samuel Borecky



	Beta Version	Final Version
.aia Files (Source Code)	CSP7_Borecky_Sutaria_Colored_Dots_Beta_aia	CSP7_Borecky_Sutaria_Colored_Dots_Final_aia
.apk Files (Packaged App)	CSP7_Borecky_Sutaria_Colored_Dots_Beta_apk	CSP7_Borecky_Sutaria_Colored_Dots_Final_apk

Table Of Contents

Brainstorming Ideas: Page 3

The 3 tiers: Page 3-4

Feedback: 4

Instructions:4-5

Conclusion: 5

Daily Log: 6

Brainstorming Ideas

- 1) Colored Dots <http://appinventor.mit.edu/explore/ai2/colored-dots>
 - a) Size of the eraser and brush
 - b) Undo button and redo button
- 2) Photo Booth App
 - a) Change the color of the picture
 - b) Props used as stickers to add on to the images<https://docs.google.com/document/u/1/d/1trt9smFfyiztdVoaq5ONaOM8GWOMoSFxT-RJ7Eyyajuw/pub>
- 3) Paint Pot Extended with Camera (AI2)
 - a) Add more images instead of one.
 - b) Shake the screen to clear the drawings on the image.<http://www.appinventor.org/content/ai2apps/simpleApps/paintPot2>

Colored Dot Brainstorm:

Idea 1	Idea 2
- You can choose what you want to erase instead of erasing the whole canvas.	- Add redo and undo buttons to erase only what was a mistake

The chosen game was idea 1. We will be adding a button for the eraser so that you could erase only what you want to. To further develop this idea, we will also add chosen colors to draw onto the canvas.

3 tiers:

Tier 1: What are all the basic features we need to get done first?	The first basic features we need to get done are the parts from the tutorial. This would include the screen cover as well as the brush picker screen surface.
Tier 2: What are the features that would make our app better that we could still get done in a	Features that would make our app better would be easy and accessible color buttons which give you the basic colors. Also, what would make our app better would be an eraser that erases unwanted drawings.

reasonable time?	
Tier 3: What are the really cool/awesome features we want to do, but might not have time for (or that App inventor is not capable of doing)?	Some really awesome features we want to do are a slider for the eraser. So you could choose what size the eraser would be. Also, add different shapes to the screen.

Feedback	How will we use it.
Turn the drawing app into a fun game that has a score.	We will not turn this into a game but we will make the game more entertaining by adding more features to the canvas itself.
Add photos to draw over	We will not add photos because it will turn into a different app, however we will add more colors for a realistic feature.
Uses an eraser instead of the whole screen	We will add an eraser that is the same size as the pen but it will erase what you want.

Beta Version

Instructions:

- Tap any part of the screen to make a dot
- To change the colors, click customize brush.
- On this page add any numbers into the colored value or the dot size.
- If you want you can save the color.
- To test the color press test color here.
- To erase press erase all.
- **Right now, the button erase parts does not do anything.**

Pro: Features Liked	Con: Aspects that were confusing, buggy, or etc.
I liked that you have all variations of colors you can	Make a continuous brush so you don't have to keep clicking, Make it so you can erase certain dots not just all of the dots
It is really cool that you can customize the dots so much The idea for how you can save the color is nice. Fun game that we had a lot of fun playing!	It would be nice if you could have a line tool/continuous brush Maybe make the canvas a bit taller instead of the buttons <ul style="list-style-type: none"> - we could save our images - we could also have different shapes to color with - Maybe make suggestions for what to draw

Final Version

<p>Instructions:</p> <ul style="list-style-type: none"> - Tap any part of the screen to make a dot - Drag any part of the screen to draw lines - To change the colors, click customize brush. <ul style="list-style-type: none"> - Choose any of the buttons for that color. - OR - On this page add any numbers into the colored value or the dot size to create your own shade. - If you want you can save the color. - To test the color press test color here. - To erase, press erase all. - Press eraser to erase what you want - WARNING: When done with the eraser press or make you own color otherwise it will just have white on the screen!! - WARNING: The drawings are not saved when you pick a new color or when you switch screens. - WARNING: To make all the colors appear you need to tap any of the values in brush picker screen. Then when numbers appear press done. 	
Pro: Features Liked	Con: Aspects that were confusing, buggy, or etc.
<ol style="list-style-type: none"> 1. You can draw in a line 2. Can customise your own and have pre-set lines 	<ol style="list-style-type: none"> 1. Make a bigger eraser so you don't waste too much time erasing 2. Add customization to the thickness of the lines

Customizable color, ability to make the bot bigger.. pop-up warning sign..	Unclear to customize.
-Cool how you can make custom colors and use them	<ul style="list-style-type: none"> - Unable to change the size of brush or eraser - Eraser isn't very big, takes a while to erase something
Basic drawing worked. Was cool to be able to make your own colors and customize other aspects	Gets an error when opening customize brush

Conclusion:

- Gracy:
- Samuel:

Daily Log

09/23/19: We came up with our top 3 ideas and possible changes to make the game better. We found out that the app we are making is colored dots. We didn't do anything at home.

09/24/19: We both worked on tutorials separately for the colored dots. Samuel worked on some of the tutorials at home. I(Gracy) did not work on the tutorials at home.

09/25/19: Finished up the blocks for screen 1 in the tutorials. We had an issue because we couldn't find populate list in the blocks. None of us did anything at home.

09/26/19: Started blocks for brush picker screen and completely finished blocks for screen 1. We also tested for bugs which we didn't have. Samuel worked on more blocks at home. Gracy didn't work on any blocks at home.

09/27/19: We both finished the tutorials. Samuel ran into problems on clicking the button. Gracy has not finished checking. None of us worked on it at home.

09/30/19: We started adding the button erase parts so that you can erase only what you want to. We didn't do anything at home.

10/1/19: We didn't do anything over the weekend.

10/2/19: We didn't do anything over the weekend.

10/3/19: We finished adding erase parts as well as the when dragged a line is drawn. We didn't do anything at home.

10/4/19: Samuel and I (Gracy) added 6 more buttons for colors and are working on how to save the canvas. We again didn't do anything at home

10/5/19: We didn't do anything over the weekend.

10/6/19: We didn't do anything over the weekend.

10/7/19: We added comments for our blocks and finished up our documents. At home, Gracy made the notebook exactly how it is supposed to be. Samuel didn't do anything at home.

10/8/19: We figured out how to make sure the buttons stay centered with another group's help. At home we didn't do anything.