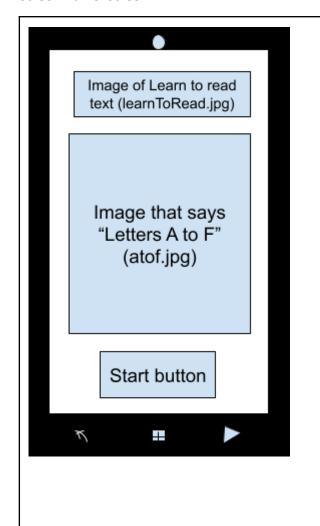
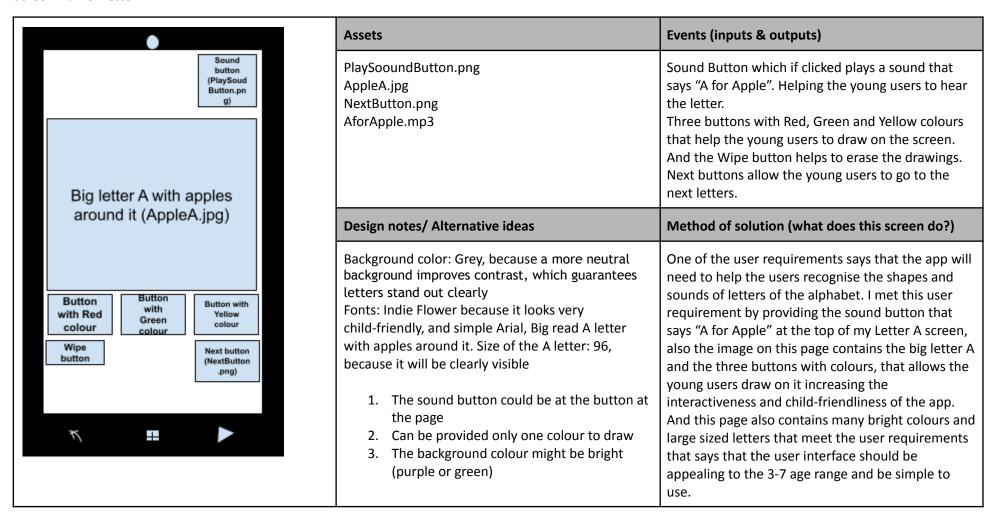


Screen Name: Screen1

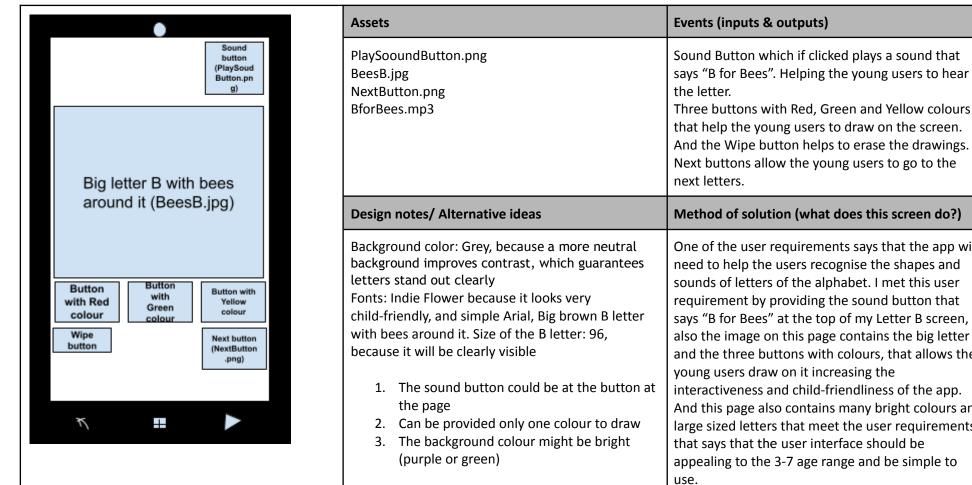


Assets	Events (inputs & outputs)
learnToRead.jpg atof.jpg StartButton1.jpg	The Start button, which, if clicked, takes the young user to the first letter of the alphabet, the letter A.
Design notes/ Alternative ideas	Method of solution (what does this screen do?)
Background color: Grey, because a more neutral background improves contrast, which guarantees letters stand out clearly Fonts: Indie Flower because it looks very child-friendly, and simple Arial, color: multi-colored letters Size of font: 24 1. Each letter can have different patterns within them (like rainbow hues, stripes, or dots) for making the letters feel fun and attractive. 2. Instead of a simple grey background, I can use a bright gradient (blues, pinks, or yellows) or a subtle pattern, like clouds or stars, keeping it bright and playful. This would add a sense of excitement and wonder overwhelming the young user. 3. Combine banner image and Letter A to F image into a single image	One of the user requirements says that the users of the App will be between 3 and 7 years old, so the user interface should be appealing to this age range and be simple to use. I met these user requirements by providing in my design bright colours, interesting fonts and multicoloured letters, so it will be attractive and fun. Also, the Start button will be noticeable, because it will contain a bright color, large letters and a children-friendly font, making it simple to use.

Screen Name: Letter A

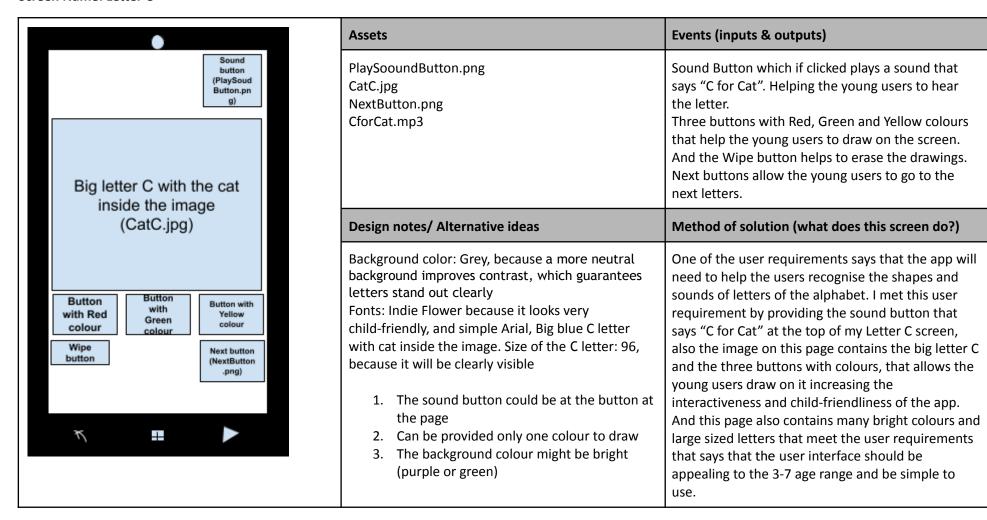


Screen Name: Letter B

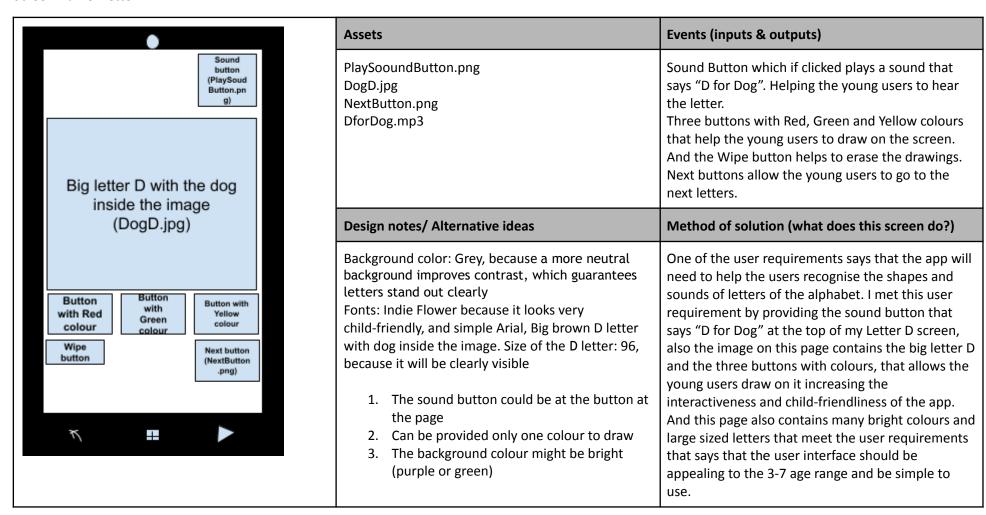


Three buttons with Red, Green and Yellow colours that help the young users to draw on the screen. And the Wipe button helps to erase the drawings. Next buttons allow the young users to go to the next letters. Method of solution (what does this screen do?) One of the user requirements says that the app will need to help the users recognise the shapes and sounds of letters of the alphabet. I met this user requirement by providing the sound button that says "B for Bees" at the top of my Letter B screen, also the image on this page contains the big letter B and the three buttons with colours, that allows the young users draw on it increasing the interactiveness and child-friendliness of the app. And this page also contains many bright colours and large sized letters that meet the user requirements that says that the user interface should be appealing to the 3-7 age range and be simple to use.

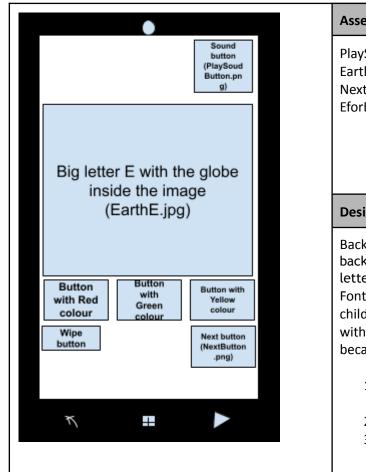
Screen Name: Letter C



Screen Name: Letter D

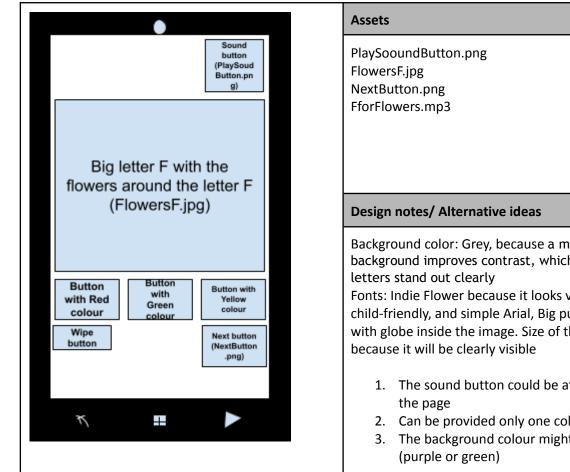


Screen Name: Letter E



Assets	Events (inputs & outputs)		
PlaySooundButton.png EarthE.jpg NextButton.png EforEarth.mp3	Sound Button which if clicked plays a sound that says "E for Earth". Helping the young users to hear the letter. Three buttons with Red, Green and Yellow colours that help the young users to draw on the screen. And the Wipe button helps to erase the drawings. Next buttons allow the young users to go to the next letters.		
Design notes/ Alternative ideas	Method of solution (what does this screen do?)		
Background color: Grey, because a more neutral background improves contrast, which guarantees letters stand out clearly Fonts: Indie Flower because it looks very child-friendly, and simple Arial, Big Green E letter with globe inside the image. Size of the E letter: 96, because it will be clearly visible 1. The sound button could be at the button at the page 2. Can be provided only one colour to draw 3. The background colour might be bright (purple or green)	One of the user requirements says that the app will need to help the users recognise the shapes and sounds of letters of the alphabet. I met this user requirement by providing the sound button that says "E for Earth" at the top of my Letter E screen, also the image on this page contains the big letter E and the three buttons with colours, that allows the young users draw on it increasing the interactiveness and child-friendliness of the app. And this page also contains many bright colours and large sized letters that meet the user requirements that says that the user interface should be appealing to the 3-7 age range and be simple to use.		

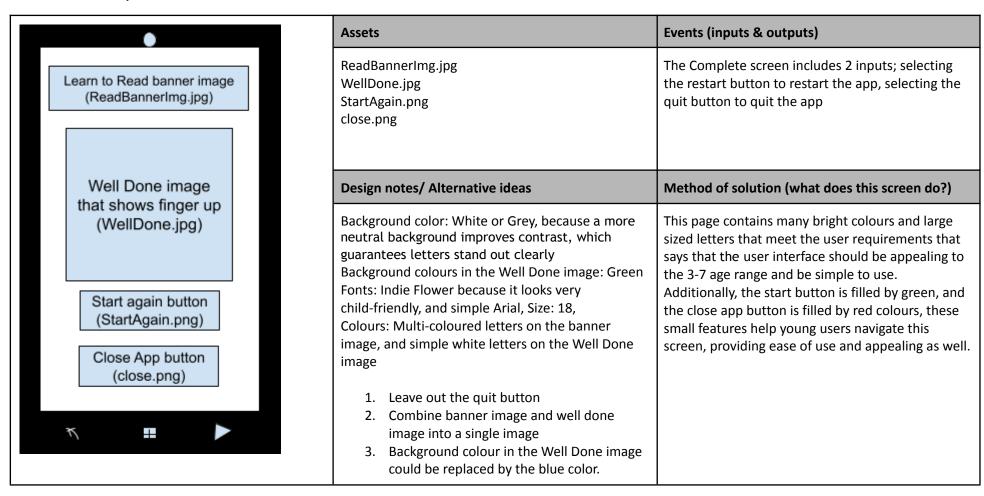
Screen Name: Letter F



Assets	Events (inputs & outputs)		
PlaySooundButton.png FlowersF.jpg NextButton.png FforFlowers.mp3	Sound Button which if clicked plays a sound that says "F for Flowers". Helping the young users to hear the letter. Three buttons with Red, Green and Yellow colours that help the young users to draw on the screen. And the Wipe button helps to erase the drawings. Next buttons allow the young users to go to the Complete page.		
Design notes/ Alternative ideas	Method of solution (what does this screen do?)		
Background color: Grey, because a more neutral background improves contrast, which guarantees letters stand out clearly Fonts: Indie Flower because it looks very child-friendly, and simple Arial, Big purple E letter with globe inside the image. Size of the E letter: 96, because it will be clearly visible 1. The sound button could be at the button at the page 2. Can be provided only one colour to draw 3. The background colour might be bright (purple or green)	One of the user requirements says that the app will need to help the users recognise the shapes and sounds of letters of the alphabet. I met this user requirement by providing the sound button that says "F for Flowers" at the top of my Letter F screen, also the image on this page contains the big letter F and the three buttons with colours, that allows the young users draw on it increasing the interactiveness and child-friendliness of the app. And this page also contains many bright colours and large sized letters that meet the user requirements that says that the user interface should be appealing to the 3-7 age range and be simple to		

use.

Screen Name: Complete



Pseudocode

Screen	Screen 1	Letter A	Letter B	Letter C	Letter D	Letter E	Letter F	Complete
Pseudocode	If Start button pressed display Letter A Screen	If the Sound button is pressed, play Letter A sound.	If the Sound button is pressed, play Letter B sound.	If the Sound button is pressed, play Letter C sound.	If the Sound button is pressed, play Letter D sound.	If the Sound button is pressed, play Letter E sound.	If the Sound button is pressed, play Letter F sound.	If Restart button pressed display Screen1.
		If finger click on some colour and drag across canvas draw line	If finger click on some colour and drag across canvas draw line	If finger click on some colour and drag across canvas draw line	If finger click on some colour and drag across canvas draw line	If finger click on some colour and drag across canvas draw line	If finger click on some colour and drag across canvas draw line	If Close App button is pressed Close app.
		If Wipe button pressed all drawn lines will cleared from screen	If Wipe button pressed all drawn lines will cleared from screen If Next button pressed display	If Wipe button pressed all drawn lines will cleared from screen If Next button pressed display	If Wipe button pressed all drawn lines will cleared from screen If Next button pressed display	If Wipe button pressed all drawn lines will cleared from screen If Next button pressed display	If Wipe button pressed all drawn lines will cleared from screen If Next button pressed display	
		pressed display Letter B screen	Letter C screen	Letter D screen	Letter E screen	Letter F screen	Complete screen	

Pre-defined Code

Code (Blocks)	when StartButton1 · Click do open another screen screenName Number1 ·	when Number1 initialize do call Payer1 Start when Canvas1 Drayged startX startY prevX prevY currentX currentY draggedAnySprite do call Canvas1 Drawtine xt yt get prevX y yt get currentX y yet currentX when ClearCanvasButton1 Click do call Payes Start When ClearCanvasButton1 Click	WHE CONTINUES CAN CONTINUES IN THE CONTINUES CONTINUES CONTINUES CAN CON
Taken from	CountingApp	CountingApp	PaintPot
Used for	It is used so that when you click on the Start button, the app starts	I will use the similar code for pages with letters: The Next button to go to the next letter, and for Play a sound button to play the sound on my Letter A-F screens	I will use the similar code for adding colours to draw on the letter, on my Letter A-F screens

Asset/Sources Log

Developer Name:

Description of asset	File name	Source	Modification made	Where used
App banner showing name of app 'Learn to Read'	learnToRead.jpg	Original	N/A	Screen 1 Complete
Splash image showing 'Letters A to F'	atof.jpg	Original	N/A	Screen1

StartButton1.jpg	Original	N/A	Screen1
AppleA.jpg	Original	N/A	LetterA
BeesB.jpg	Original	N/A	LetterB
CatC.jpg	Original	N/A	LetterC
DogD.jpg	Original	N/A	LetterD
EarthE.jpg	Original	N/A	LetterE
FlowersF.jpg	Original	N/A	LetterF
AforApple.mp3	Original	N/A	LetterA
BforBees.mp3	Original	N/A	LetterB
CforCat.mp3	Original	N/A	LetterC
DforDog.mp3	Original	N/A	LetterD
EforEarth.mp3	Original	N/A	LetterE
FforFlowers.mp3	Original	N/A	LetterF
PlaySooundButton.png	Original	N/A	LetterA, LetterB, LetterC, LetterD, LetterE, LetterF
NextButton.png	Original	N/A	LetterA, LetterB, LetterC, LetterD, LetterE, LetterF
StartAgain.png	Original	N/A	Complete
	AppleA.jpg BeesB.jpg CatC.jpg DogD.jpg EarthE.jpg FlowersF.jpg AforApple.mp3 BforBees.mp3 CforCat.mp3 DforDog.mp3 EforEarth.mp3 FforFlowers.mp3 PlaySooundButton.png NextButton.png	AppleA.jpg Original BeesB.jpg Original CatC.jpg Original DogD.jpg Original EarthE.jpg Original FlowersF.jpg Original AforApple.mp3 Original BforBees.mp3 Original CforCat.mp3 Original DforDog.mp3 Original FforFlowers.mp3 Original FforFlowers.mp3 Original FforFlowers.mp3 Original PlaySooundButton.png Original NextButton.png Original	AppleA.jpg Original N/A BeesB.jpg Original N/A CatC.jpg Original N/A DogD.jpg Original N/A EarthE.jpg Original N/A FlowersF.jpg Original N/A AforApple.mp3 Original N/A BforBees.mp3 Original N/A CforCat.mp3 Original N/A DforDog.mp3 Original N/A FforFlowers.mp3 Original N/A DforDog.mp3 Original N/A FforFlowers.mp3 Original N/A PlaySooundButton.png Original N/A NextButton.png Original N/A

Big red 'Close App' again button	close.png	Original	N/A	Complete
Splash image showing a thumbs up and displaying Well Done	WellDone.jpg	Original	N/A	Complete

Test Plan & Log

Developer Name:

Application:

Test No	Screen	Test	Expected Outcome	Actual Outcome	Comments
1	Screen1	Open app	Screen 1 displays and all images and buttons are displayed and fully visible		
2	Screen1	Press start button	LetterA screen displays		
3	3 LetterA Display LetterA screen displays and all images and buttons are displayed and fully visible				

4	LetterA	Tap on the Red button and swipe the screen to draw in red	LetterA screen displays red lines when to draw on the screen	
5	LetterA	Tap on the Green button and swipe the screen to draw in green	LetterA screen displays green lines when to draw on the screen	
6	LetterA	Tap on the Yellow button and swipe the screen to draw in yellow	LetterA screen displays yellow lines when to draw on the screen	
7	LetterA	Press sound button	'A for Apple' sound file is played and heard clearly	
8	LetterA	Press wipe button	All drawn lines are cleared from screen	
9	LetterA	Press next button	LetterB screen is displayed	
10	LetterB	Display LetterB screen	LetterB screen displays and all images and buttons are displayed and fully visible	
11	LetterB	Tap on the Red button and swipe the screen to draw in red	LetterB screen displays red lines when to draw on the screen	
12	LetterB	Tap on the Green button and swipe the screen to draw in green	LetterB screen displays green lines when to draw on the screen	
13	LetterB	Tap on the Yellow button and swipe the screen to draw in yellow	LetterB screen displays yellow lines when to draw on the screen	

14	LetterB	Press sound button	'B for Bees' sound file is played and heard clearly	
15	LetterB	Press wipe button	All drawn lines are cleared from screen	
16	LetterB	Press next button	LetterC screen is displayed	
17	LetterC	Display LetterC screen	LetterC screen displays and all images and buttons are displayed and fully visible	
18	LetterC	Tap on the Red button and swipe the screen to draw in red	LetterC screen displays red lines when to draw on the screen	
19	LetterC	Tap on the Green button and swipe the screen to draw in green	LetterC screen displays green lines when to draw on the screen	
20	LetterC	Tap on the Yellow button and swipe the screen to draw in yellow	LetterC screen displays yellow lines when to draw on the screen	
21	LetterC	Press sound button	'C for Cat' sound file is played and heard clearly	
22	LetterC	Press wipe button	All drawn lines are cleared from screen	
23	LetterC	Press next button	LetterD screen is displayed	
24	LetterD	Display LetterD screen	LetterD screen displays and all images and buttons are displayed and fully visible	
25	LetterD	Tap on the Red button and swipe	LetterD screen displays red lines when to draw on the screen	

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		the screen to draw in red		
26	LetterD	Tap on the Green button and swipe the screen to draw in green	LetterD screen displays green lines when to draw on the screen	
27	LetterD	Tap on the Yellow button and swipe the screen to draw in yellow	LetterD screen displays yellow lines when to draw on the screen	
28	LetterD	Press sound button	'D for Dog' sound file is played and heard clearly	
29	LetterD	Press wipe button	All drawn lines are cleared from screen	
30	LetterD	Press next button	LetterE screen is displayed	
31	LetterE	Display LetterE screen	LetterE screen displays and all images and buttons are displayed and fully visible	
32	LetterE	Tap on the Red button and swipe the screen to draw in red	LetterE screen displays red lines when to draw on the screen	
33	LetterE	Tap on the Green button and swipe the screen to draw in green	LetterE screen displays green lines when to draw on the screen	
34	LetterE	Tap on the Yellow button and swipe the screen to draw in yellow	LetterE screen displays yellow lines when to draw on the screen	
35	LetterE	Press sound button	'E for Earth' sound file is played	

			and heard clearly	
36	LetterE	Press wipe button	All drawn lines are cleared from screen	
37	LetterE	Press next button	LetterF screen is displayed	
38	LetterF	Display LetterF screen	LetterF screen displays and all images and buttons are displayed and fully visible	
39	LetterF	Tap on the Red button and swipe the screen to draw in red	LetterF screen displays red lines when to draw on the screen	
40	LetterF	Tap on the Green button and swipe the screen to draw in green	LetterF screen displays green lines when to draw on the screen	
41	LetterF	Tap on the Yellow button and swipe the screen to draw in yellow	LetterF screen displays yellow lines when to draw on the screen	
42	LetterF	Press sound button	'F for Flowers' sound file is played and heard clearly	
43	LetterF	Press wipe button	All drawn lines are cleared from screen	
44	LetterF	Press next button	Complete screen is displayed	
45	Complete	Display Complete screen	Complete screen displays and all images and buttons are displayed and fully visible	
46	Complete	Press Start Again button	Screen1 is displayed	

47	Complete	Press Close App button	App closes		
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