

# Project 161



## Coding School



### AI and Machine Learning

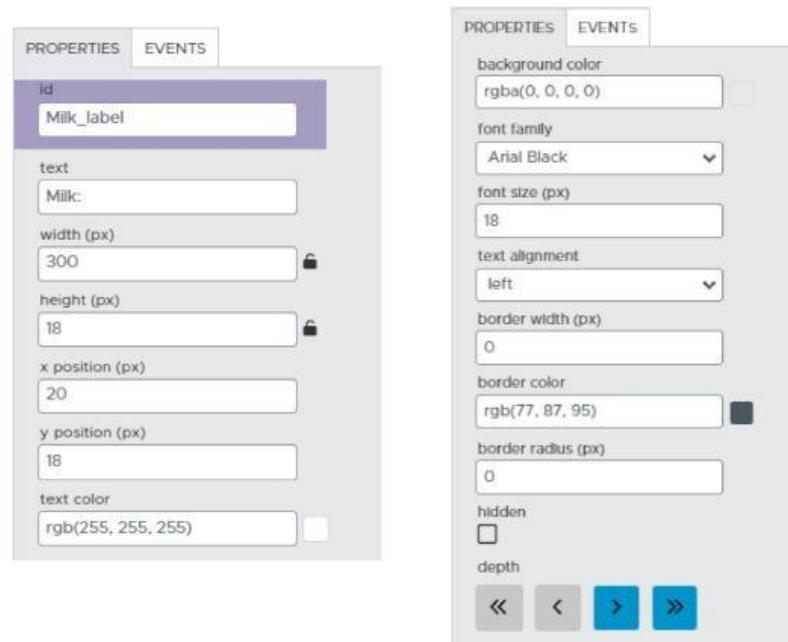


See the web page

- ❖ Here we further improve the mobile app in the fourth part of lesson 10 of the AI and machine learning course on Code.org.

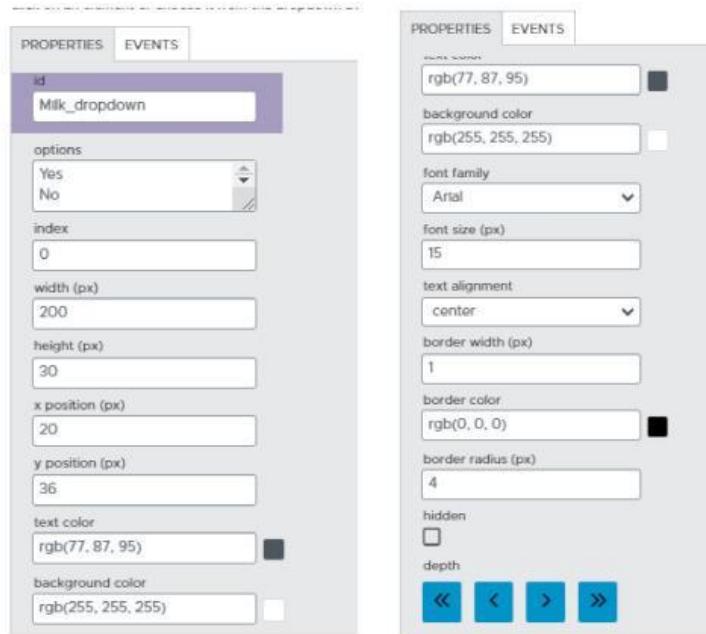


- ❖ Now let's change the colour of the labels in screen1.



- ❖ Give the font size of each label as 18. Set the text colour as `rgb(255, 255, 255)`

❖ And give the font size of the dropdown as 15.



- ❖ Duplicate screen1 to add another screen to this app.



- ❖ Now from the labels and dropdowns on screen1, save only the labels and dropdowns related to milk, toothed and backbone and delete the other labels and dropdowns.
- ❖ Also give the font size of the dropdown as 15
- ❖ Delete the Predict button and the corresponding text input area.
- ❖ Give x and y position of Milk\_label as below.
  - x – position : 45
  - y – position : 50
- ❖ Give x and y position of toothed\_label as below.
  - x – position : 45
  - y – position : 135
- ❖ Give the x and y position of Backbone\_label as below.
  - x – position : 45
  - y – position : 225

❖ Give the x and y position of milk\_dropdown as below.

- x – position : 55
- y – position : 90

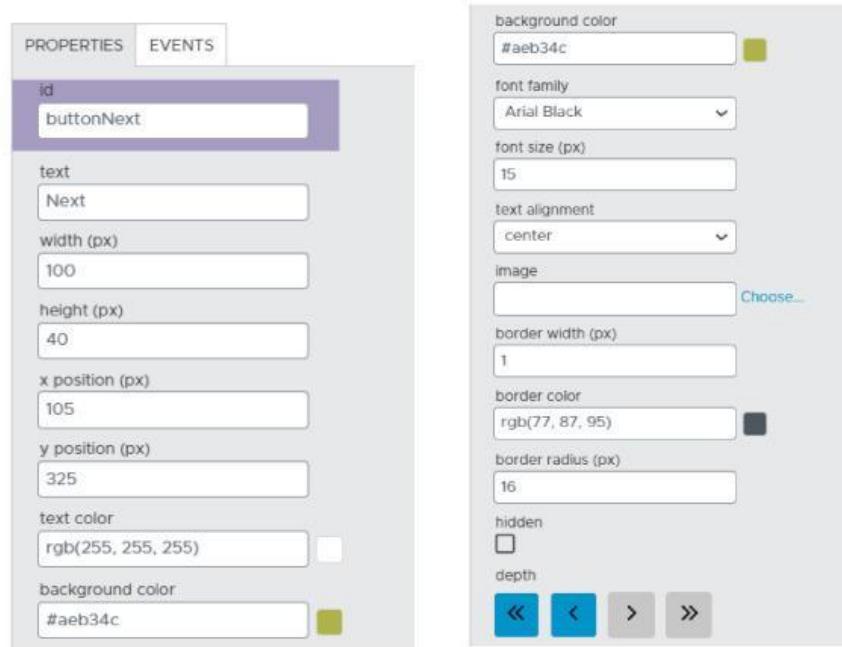
❖ Give x and y position of milk\_dropdown as below.

- x – position : 55
- y – position : 170

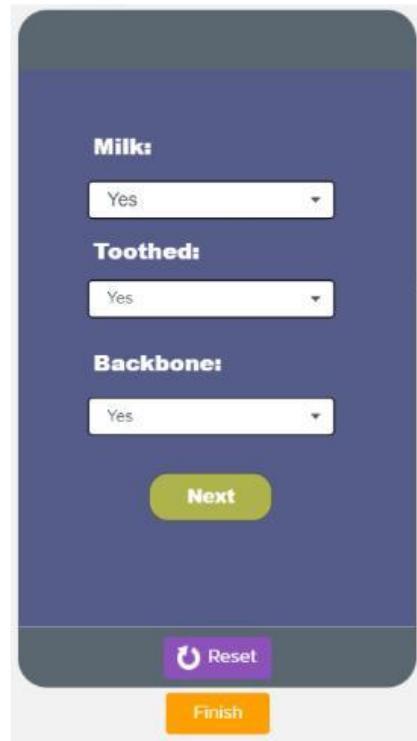
❖ Give x and y position of milk\_dropdown as below.

- x – position : 55
- y – position : 265

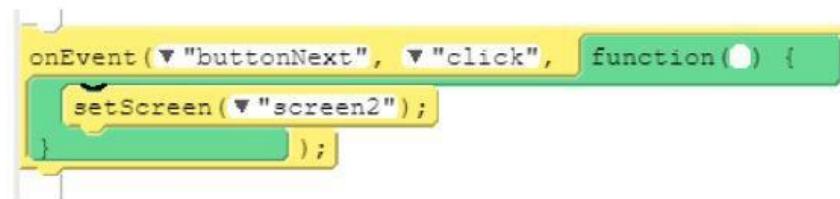
❖ Now give a button for that screen.



❖ Then screen1 will be displayed as follows.



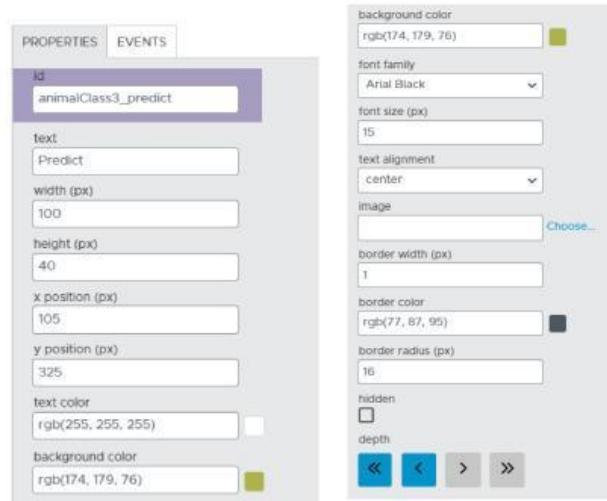
- ❖ Now code to move to screen2 when the Next button is clicked.



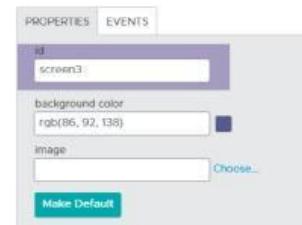
- ❖ Now from the labels and dropdowns on screen 2, save only the labels and dropdowns related to domestic, catsize and lags and delete the other labels and dropdowns.
- ❖ Leave the Predict button and delete the text input area next to that button.
- ❖ For domestic label, give the id of the label as Domestic\_label. Also give the id of its dropdown as Domestic\_dropdown.
- ❖ Give x and y position of domestic\_label as below.
  - x – position : 45
  - y – position : 50

- ❖ Give x and y position of domestic\_dropdown as below.
  - x – position : 55
  - y – position : 90
- ❖ According to the cat size label, give the id of the label as Catsize\_label. Also give the id of its dropdown as Catsize\_dropdown.
- ❖ Give the x and y position of Catsize\_label as follows.
  - x – position : 45
  - y – position : 135
- ❖ Give the x and y position of the Catsize\_dropdown as follows.
  - x – position : 55
  - y – position : 170
- ❖ According to the Legs label, give the id of the label as Legs\_label. Also give the id of its dropdown as Legs\_dropdown.
- ❖ Give the x and y position of the Legs\_label as follows.
  - x – position : 45
  - y – position : 225
- ❖ Give x and y position of milk\_dropdown as below.
  - x – position : 55
  - y – position : 265

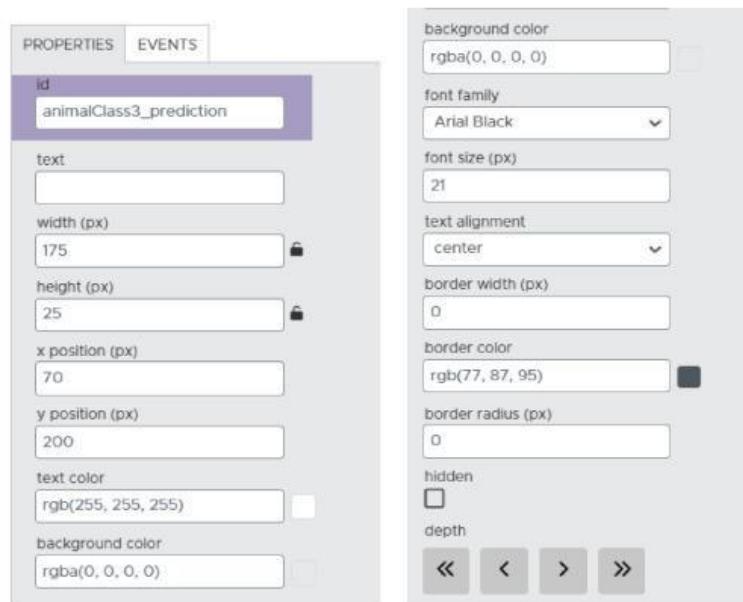
- ❖ For the Predict button, give the id as animalClass3\_predict and give the styles as follows.



- ❖ Now give another screen and give its background colour as below.



- ❖ Now add label to that screen and give its styles as below.



❖ Now, when the Predict button is clicked, code it to go to screen3 and the predicted result to be displayed in the label animalClass3\_prediction.

```
onEvent(▼ "animalClass3_predict", ▼ "click", function( ) {  
    addPair(data, "Milk", getText(▼ "Milk_dropdown") );  
    addPair(data, "Toothed", getText(▼ "Toothed_dropdown") );  
    addPair(data, "Backbone", getText(▼ "Backbone_dropdown") );  
    addPair(data, "Domestic", getText(▼ "Domestic_dropdown") );  
    addPair(data, "Catsize", getText(▼ "Catsize_dropdown") );  
    addPair(data, "Legs", getText(▼ "Legs_dropdown") );  
    setText(▼ "animalClass3_prediction", '' );  
    getPrediction("animalClass3", "XDgr1BWtasTg", data, function(value) {  
        setText(▼ "animalClass3_prediction", value);  
        setScreen(▼ "screen3");  
    } );  
});
```