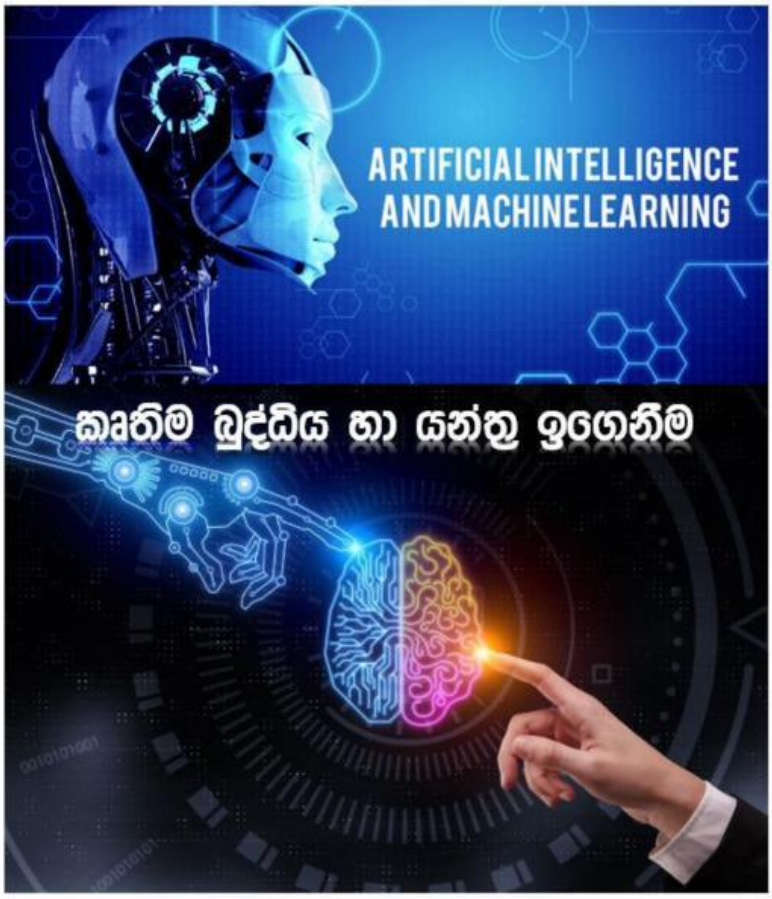
# Project 170

DP EDUCATION

## Coding School




# AI and Machine Learning




See the web page

Start here

LIVEWORKSHEETS

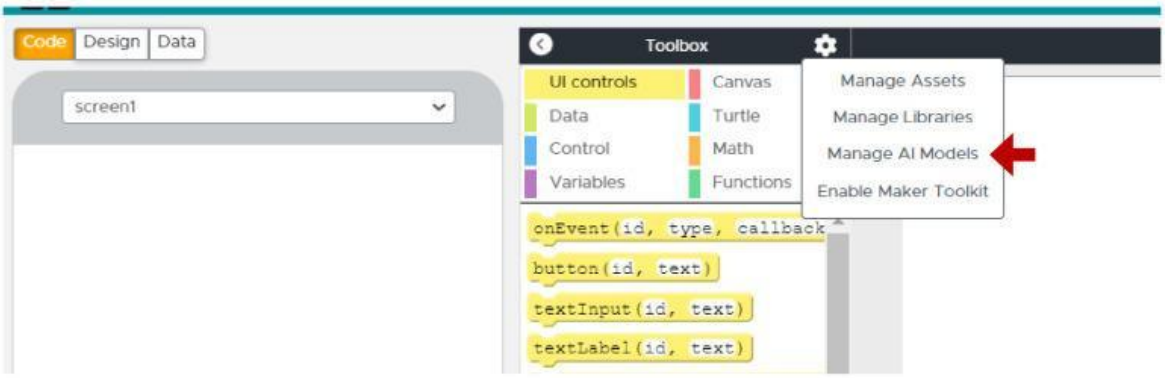
❖ Here, using the machine learning modal we created in homework 169, let's create a mobile app to predict the rental price of apartments by app lab.

❖ Let's create the mobile app as follows.



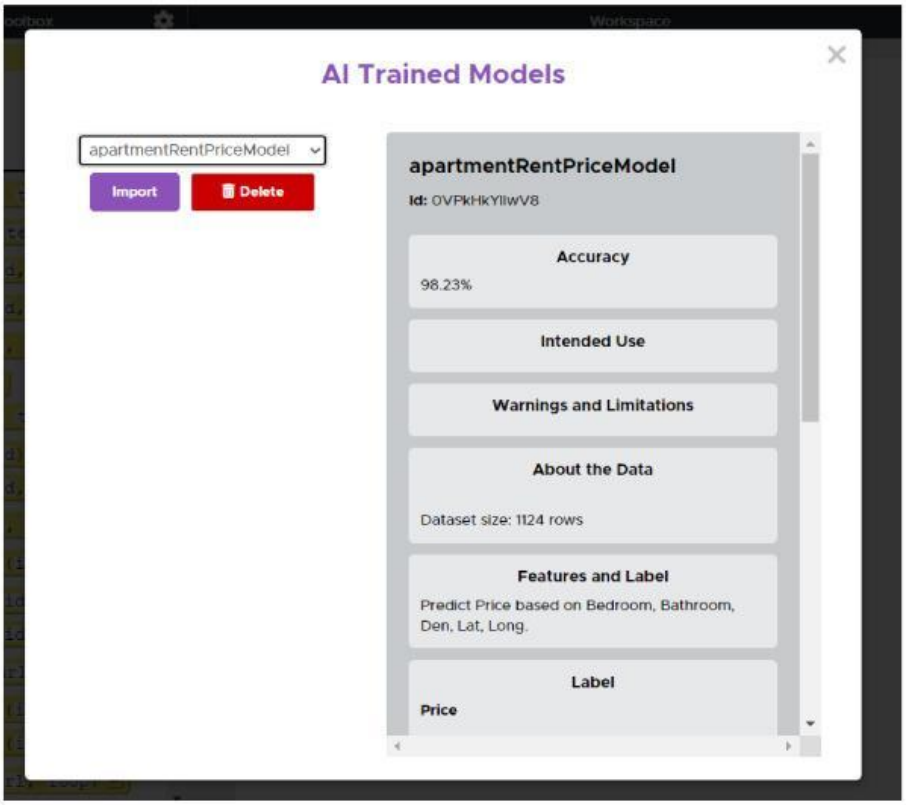

❖ First, import the "apartmentRentPriceModel" model you created for the app lab.

❖ Click on the setting button in the toolbox and click on Manage AI models.

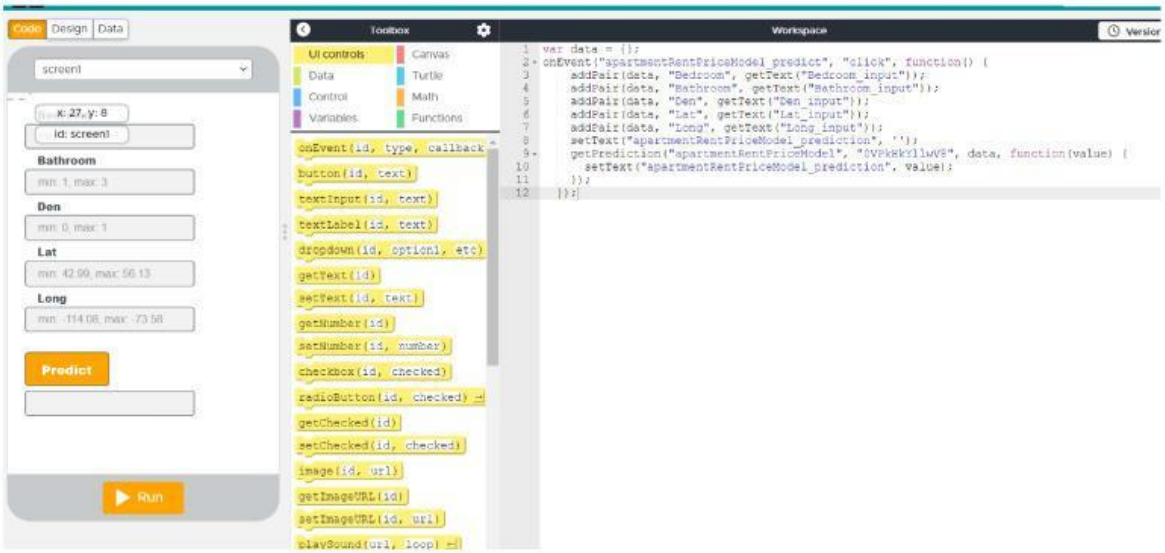



❖ Now select the “apartmentRentPriceModel” model and click on the import button.

LIVEWORKSHEETS



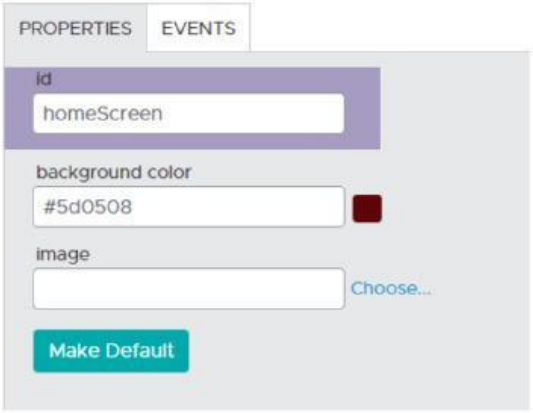

❖ Then the model is imported for the app lab as follows




❖ Now let's add a home screen for this app.

LIVEWORKSHEETS

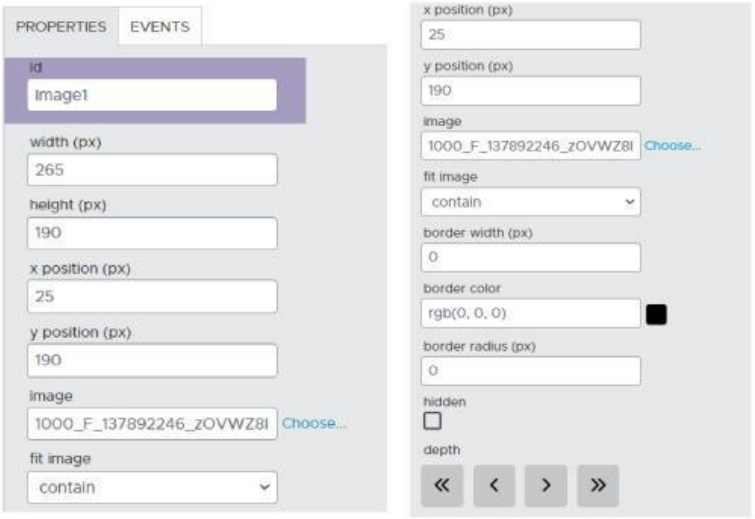
❖ Set the id of that screen as "homeScreen" and the following background color and make that screen the default screen. For that, click on the Make Default button.




❖ Now add an image tag for the homeScreen.

❖ Click on Choose and add a suitable image for the home screen.

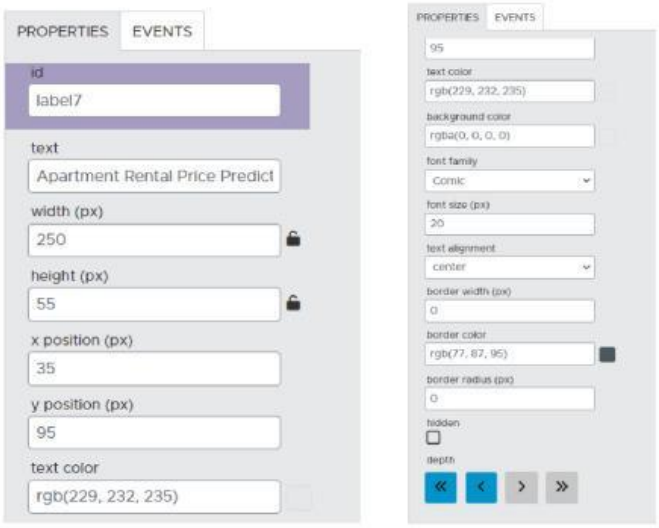
❖ Adjust the properties of the image you have selected as follows.



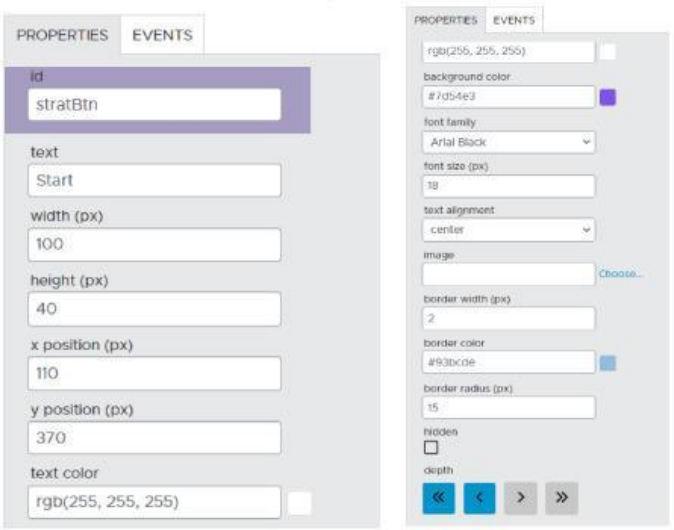

❖ Now add a label for that screen and adjust its properties as follows.

❖ Provide as “Apartment Rental Price Prediction App” for text.

LIVEWORKSHEETS




❖ Now provide the button for that screen. Give its id as stratBtn and text as start.




❖ Then the home screen will be created as follows.

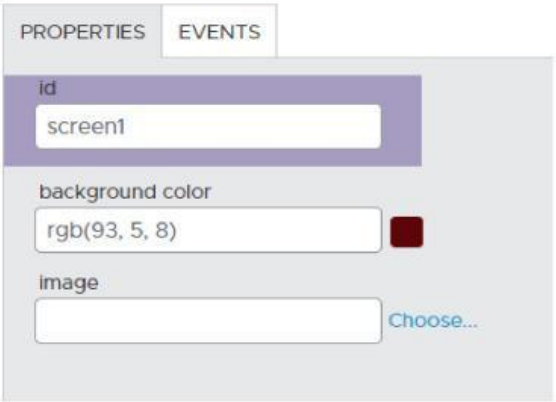
LIVEWORKSHEETS




❖ Now let's set it to go to screen1 when the start button is clicked.

```
onEvent("stratBtn", "click", function() {
  setScreen("screen1");
});
```

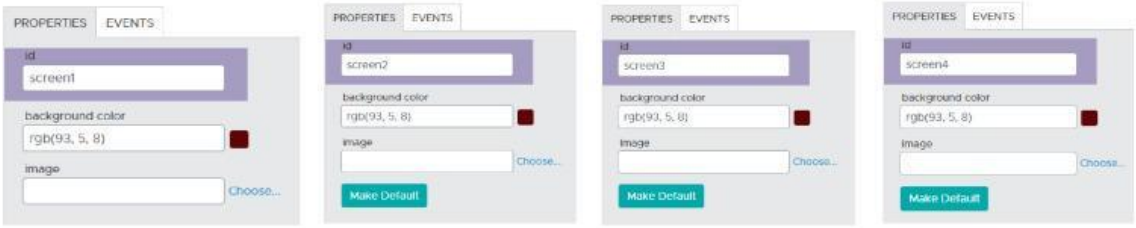
❖ Now let's design screen1.




❖ Here we provide separate screen for each input to further improve the app.

LIVEWORKSHEETS

- Let's prepare a separate screen for entering the number of bedrooms, number of bathrooms, number of storage rooms, and a screen for entering the location.
- Since four screens are needed here, let's duplicate the screen whose id is screen1 three times.
- Give the id of the duplicated screens as screen2, screen3 and screen4.
- Now in screen1 save only the label and text input related to the bedroom and delete other labels and text inputs.

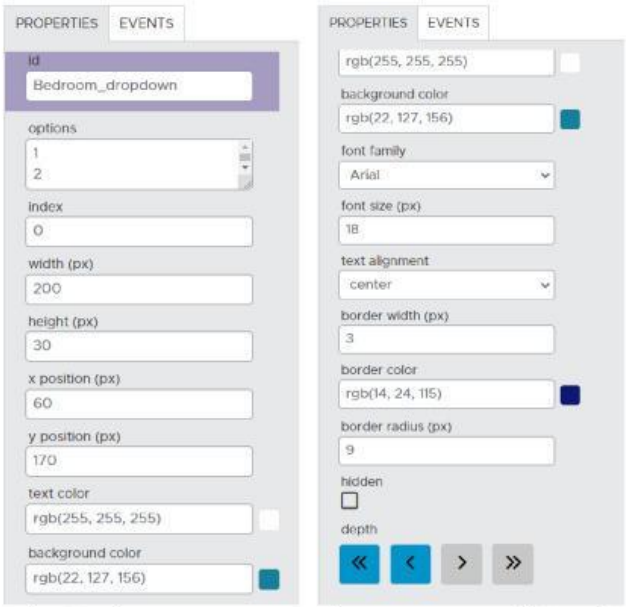






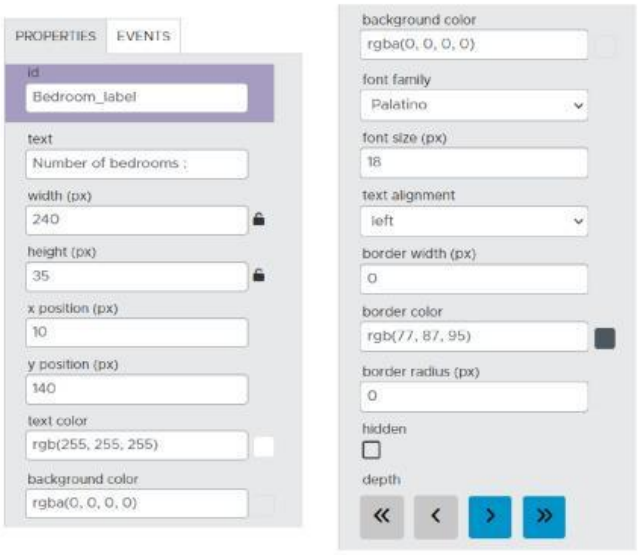
LIVEWORKSHEETS

- Here the minimum value of the text input is 1 and the maximum value is 3. So let's remove the text input and replace it with a dropdown. Because if there is an input text, it can be given a desired value.
- Here, delete the bedroom text input (Bedroom_input).
- Now add a dropdown. Give the id for that dropdown as Bedroom_dropdown. Give options 1, 2, and 3.
- Now adjust the Properties of that dropdown as follows.

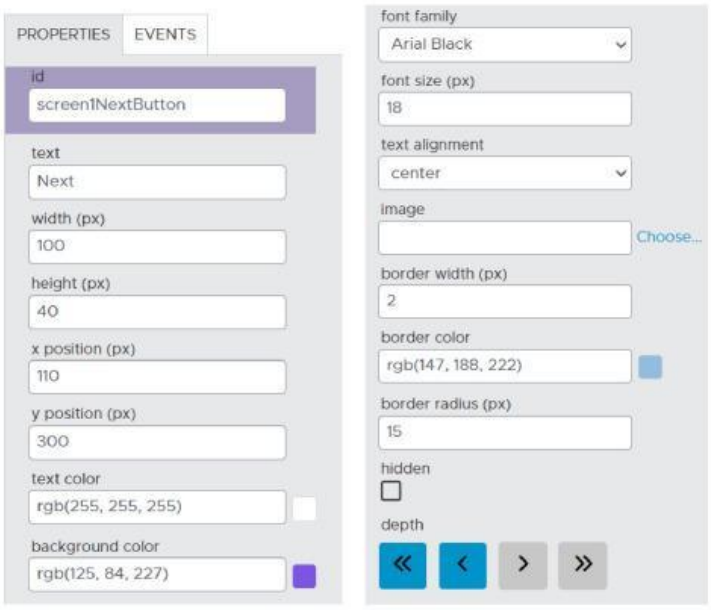



- Now change the Bedroom text on that screen to "Number of bedrooms:".
- Give the font color of the label as white and change its font size and font family.
- Adjust the properties of the label as follows.

LIVEWORKSHEETS




- Now add a button for this screen.
- Give screen1NextButton as id of Button.
- Adjust the properties of that button as follows.




- Let's prepare the rest of this app in homework 171.

LIVEWORKSHEETS