ADD LAYER

TEAM ID	PNT2022TMID52124
PROJECT NAME	Digital Naturalist - Al Enabled tool for Biodiversity Researchers

```
""Add_layers
   Automatically generated by Colaboratory.
   Original file is located at
      https://colab.research.google.com/drive/1JFk8B_gpoqPdNlD86TTiXzLmW5vjU-xp
   """This function defines the cnn model structure and configures the layers"""
   def load_CNN(output_size):
       K.clear_session()
      model = Sequential()
      model.add(Dropout(0.4,input_shape=(224, 224, 3)))
      model.add(Conv2D(256, (5, 5),input_shape=(224, 224, 3),activation='relu'))
      model.add(MaxPool2D(pool_size=(2, 2)))
       #model.add(BatchNormalization())
       model.add(Conv2D(128, (3, 3), activation='relu'))
       model.add(MaxPool2D(pool_size=(2, 2)))
       #model.add(BatchNormalization())
      model.add(Conv2D(64, (3, 3), activation='relu'))
       model.add(MaxPool2D(pool_size=(2, 2)))
       #model.add(BatchNormalization())
       model.add(Flatten())
       model.add(Dense(512, activation='relu'))
       model.add(Dropout(0.3))
      model.add(Dense(256, activation='relu'))
       model.add(Dropout(0.3))
       model.add(Dense(128, activation='relu'))
       model.add(Dropout(0.3))
       model.add(Dense(output_size, activation='softmax'))
```