

EVLAUATION (ACCURACY&LOSSES)

Team ID	PNT2022TMID52124
Project Name	Digital Naturalist - AI Enabled tool for Biodiversity Researchers

```
# -*-  
coding:  
utf-8 -  
*_  
  
"""Untitled5.ipynb  
Automatically generated by Colaboratory.  
Original file is located at  
    https://colab.research.google.com/drive/1-a7W1CrkBPPDi1KTX4fvYD0_1QB0wMEt  
"""  
  
model.predict_proba( [X_test [image_number] . reshape (1, 224,224, 3)])  
for idx, result, X in zip ( range (0,6), found, predictions [0]) :  
    print(Labe l : if, ype i, Species{}, Score: {}** . format (idx, result [0], result[1], round  
(x*100, 3)))  
  
#predicting the class with max probability  
Class Index=model .predict_classes ( [X_test [image_numbe r].reshape (1, 224, 224,3)])  
  
#getting the index of the class which we can pass  
#to the boat_types ist to get the boat type name  
Class Index  
  
#printing the final output  
print (found [Class Index [0]])  
  
#loading Test Data  
image_number = np. random. randint (0, len (X_ test))  
print(image_number)  
  
#plotting the test image  
plt.figu re ( figsize= (8, 8))  
plt.imshow (X_test[image_number])
```

