Mobile Application Development: User Guide

Note: This application will not work on newer mac book due to a bug on MacBook with apple silicon chip.

Steps for using the application:

1. You will be presented with the application splash screen and immediately application home screen.

2. On application home screen, please choose open camera or open photos and select the desired image and tap "Use Photo"

3. The next screen will display the details with the label and predictions.

Note: I have ran this application on my personal phone and it worked please find the snapshots below.
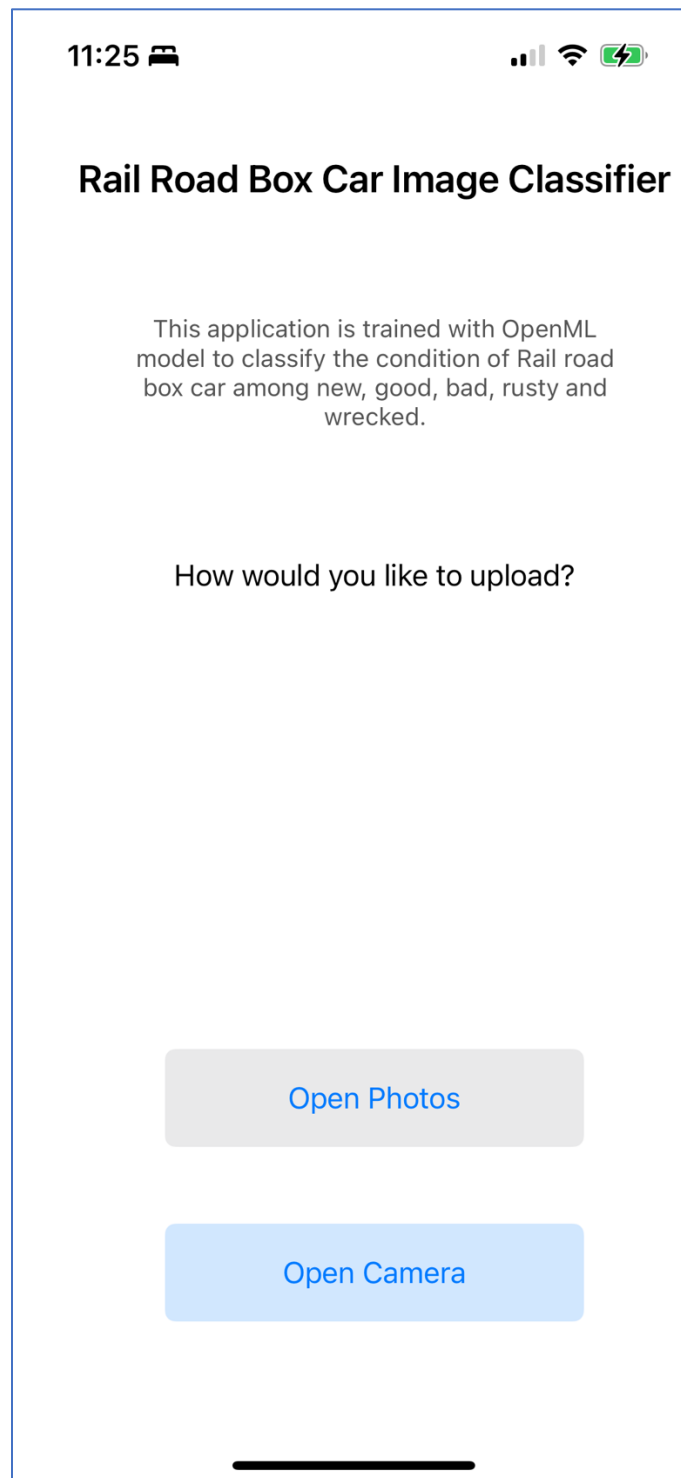
Application Splash Screen:

Mobile Application Development

Grad Assignment

Abdulla Karjikar(CWID: A20350243)
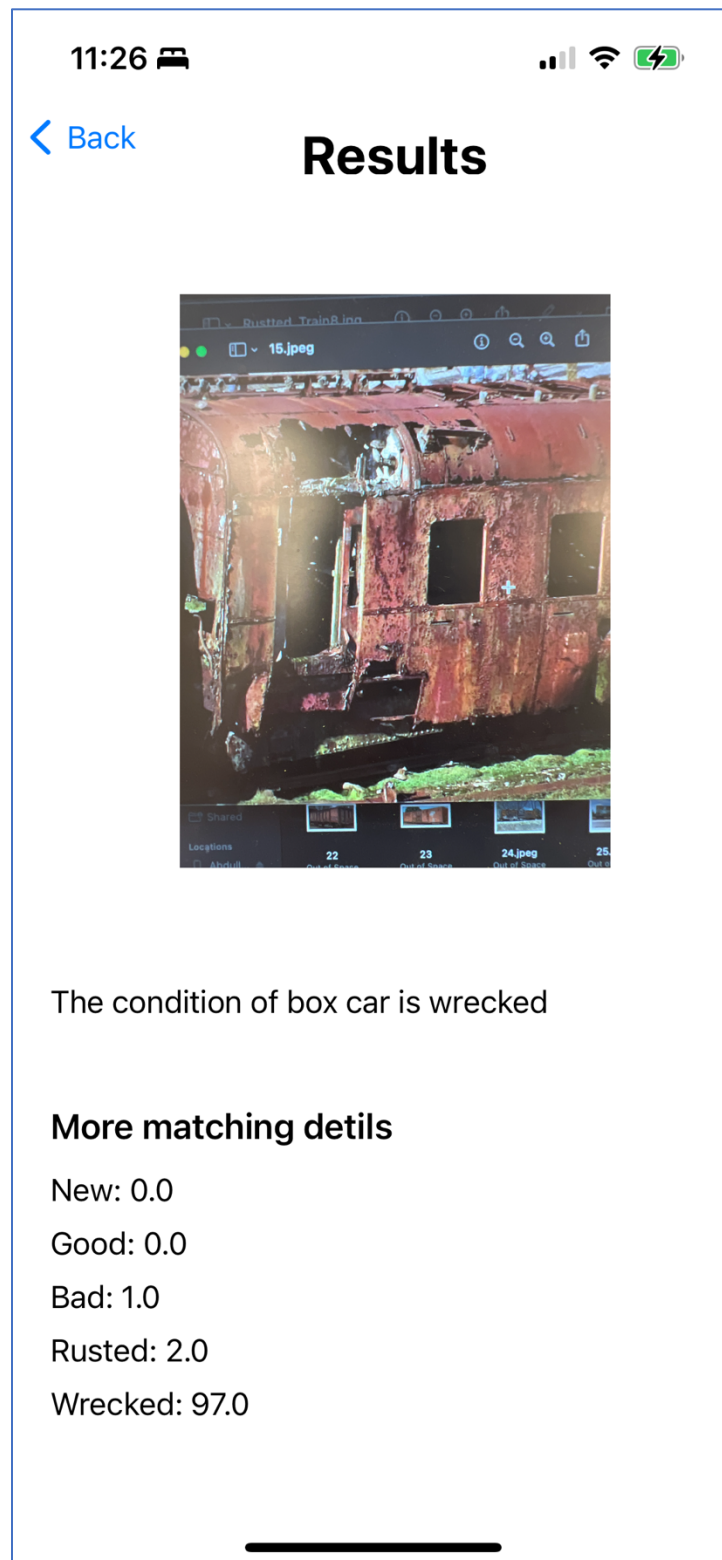Oklahoma State University

Application Home Screen:

11:25

Rail Road Box Car Image Classifier

This application is trained with OpenML
model to classify the condition of Rail road
box car among new, good, bad, rusty and
wrecked.

How would you like to upload?

Open Photos

Open Camera

Application Image Upload Screen:

Application Details Screen:

The condition of box car is wrecked

More matching detils

New: 0.0

Good: 0.0

Bad: 1.0

Rusted: 2.0

Wrecked: 97.0

CoreML:

CoreML was introduced in June 2017 by WWDC and is a framework that aid in creating machine learning models