minimum viable
product for Eco-Quest

PHONE CLIENT

App start
(Unity)

Pull request
for animal
bounty +
other info

UI screen:
user's aniaml lvl,
nearby sightings
bounties + values

Take picture

Pretrained
Weights from
custom
dataset

Image
Classifier
(python file)

Animal Valid

NO

YES

TCP Packet:
User info,
Animal type,
GPS location,

TCP Packet: Pull
request for other
animal loactions
and map data

TCP Packet:
Server Info
Add animal pts

TCP Packet:
Animal location
map data

Dataset Request

DATABASE SERVER

Database

Check
Client
Heading

Animal Sighting

Update Data
base