

UI

Activities

member
log in

Dedicated
start and
finish for
each session

2
interfaces-
operator,
supervisor

Register
litter

Aesthetics

Visually
appealing

flat
icons

mobile
friendly

Artificial Intelligence

Keras

Tensorflow

yolov4

Pytorch

Google
Colab

Python

Design

Software

Wide
radius on
map pin

wifi
dependent
system

platform
specific
application like
an android
app

Remote
server

Live
gps

Hardware

Camera
mounted
on boat

DLSR?

polaroid
photos of
the litter

Fishing
camera?

Go pro

Planning

Testing
in UofR
pool?

Positive,
neutral,
negative
sets

environmental
parameters

Different
water
parameters

Testing in a
laboratory?

Testing
in open
waters?