**Sample Experimental Record (see record\_sheet. xlsx)**

There are 12 different emoji need to be tested. Two females and two males will participate in this experiment. Each participant will test 15 times for each emoji. Each single emoji test takes 3s. The phone will place on a fixed point not holding by participants.

Test procedure:

Disappointed x 5 times

Flushed x 5 times

Repeat procedures for three times

StuckOutOfTongueWinkingEye x 5 times

StucOutOfTongue x 5 times

wink x 5 times

Smirk x 5 times

Smiley x 5 times

Scream x 5 times

Relaxed x 5 times

Rage x 5 times

Laughing x 5 times

Kissing x 5 times

(Neutral face)

Take a break for 3s

1.5min break

**Project Architecture**

Detect face successfullysfully

Start button changes to be red

Detect face button

Click and place face in front of camera

Start button changes to be green

transit

The text color for Disappointed face test change to be red

Neutral face

No face detected

transit

5min break

Export data out and fill into record excel sheet

Wink Test

Flushed Test

Neutral face

Timer countdown

Record the picked emoji

Disappointed face test