



DRIVER DROWSINESS DETECTION AND ALERT SYSTEM

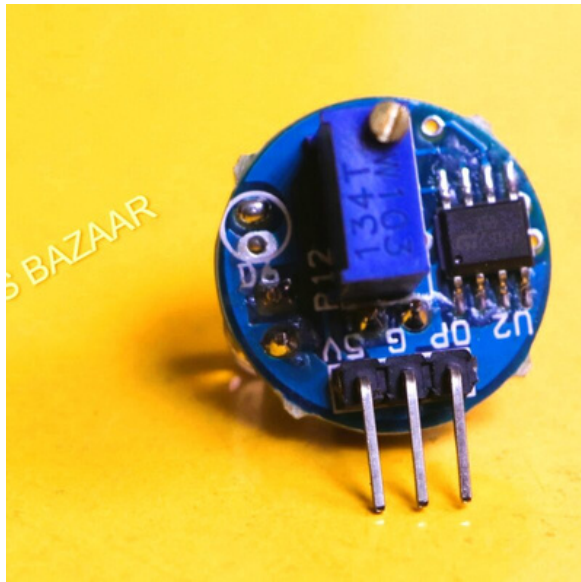


GROUP MEMBERS:

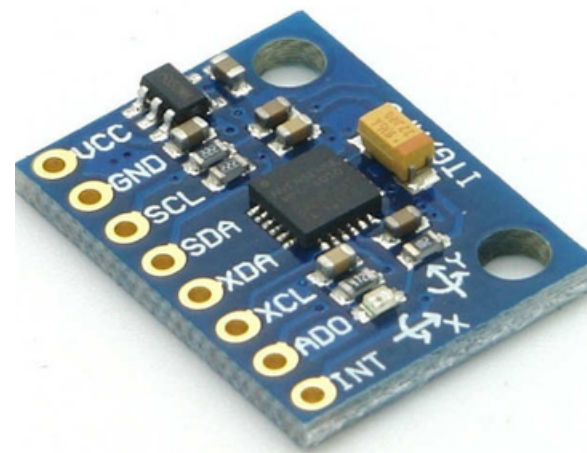
UNGKU QISTINA BINTI UNGKU MOHD FARIS 2215442
RABIATUL ADAWIYAH BINTI MOHD ALWI 2217808
NUR AMIROTUL IZZAH BINTI MOHAMAD FAIZAL 2216966
NADHIRAH BINTI MUHAMMED NAJMUDDIN 2212502

HARDWARE LISTS

SENSORS



TSOP-Based IR Eye Blink Sensor

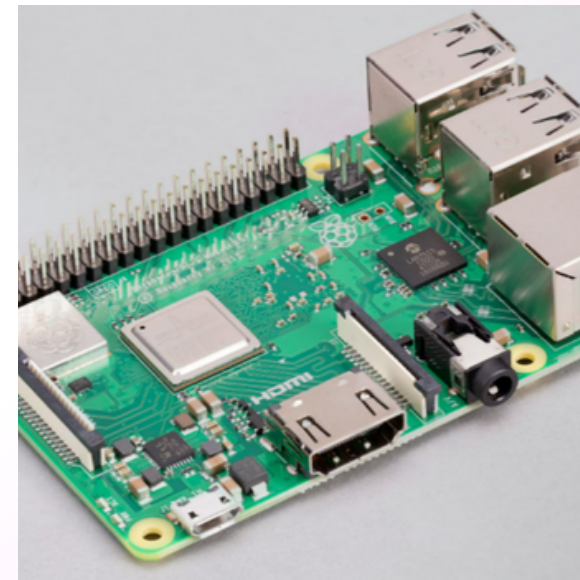


MPU-6050 Accelerometer and Gyroscope



Pi Camera v2

MICROCONTROLLER



Raspberry Pi 3 B+

ACTUATORS



Hazard Lights

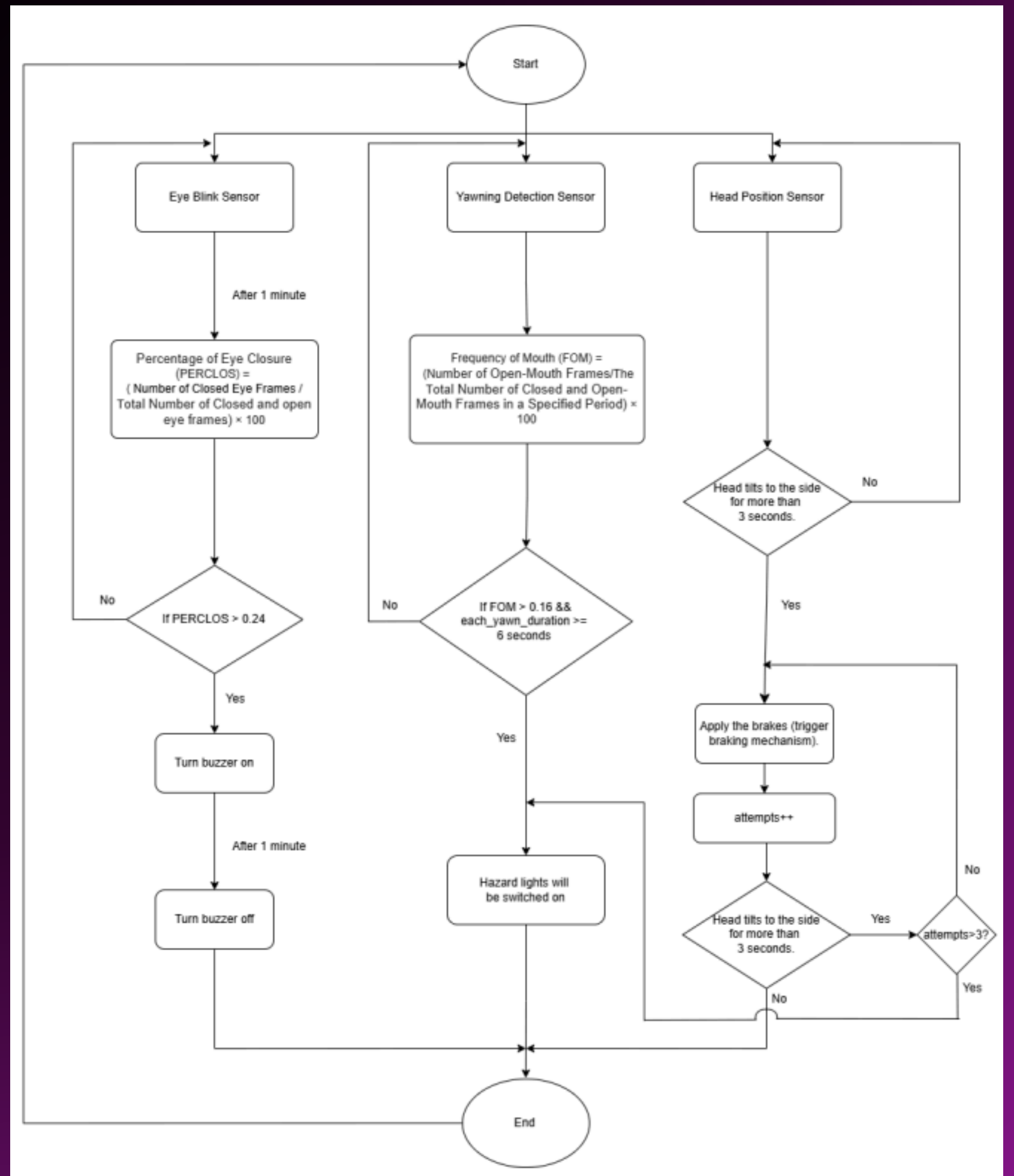


Piezoelectric Buzzer



Servo Motor

FLOWCHART





DEMO OF RUNNING CODE & EXPLANATION



THANK YOU

