

Electronics in Service to Society Lab Project

Driver Safety System

Raspberry Pi based Driver Drowsiness and Distraction Detection System

Team -

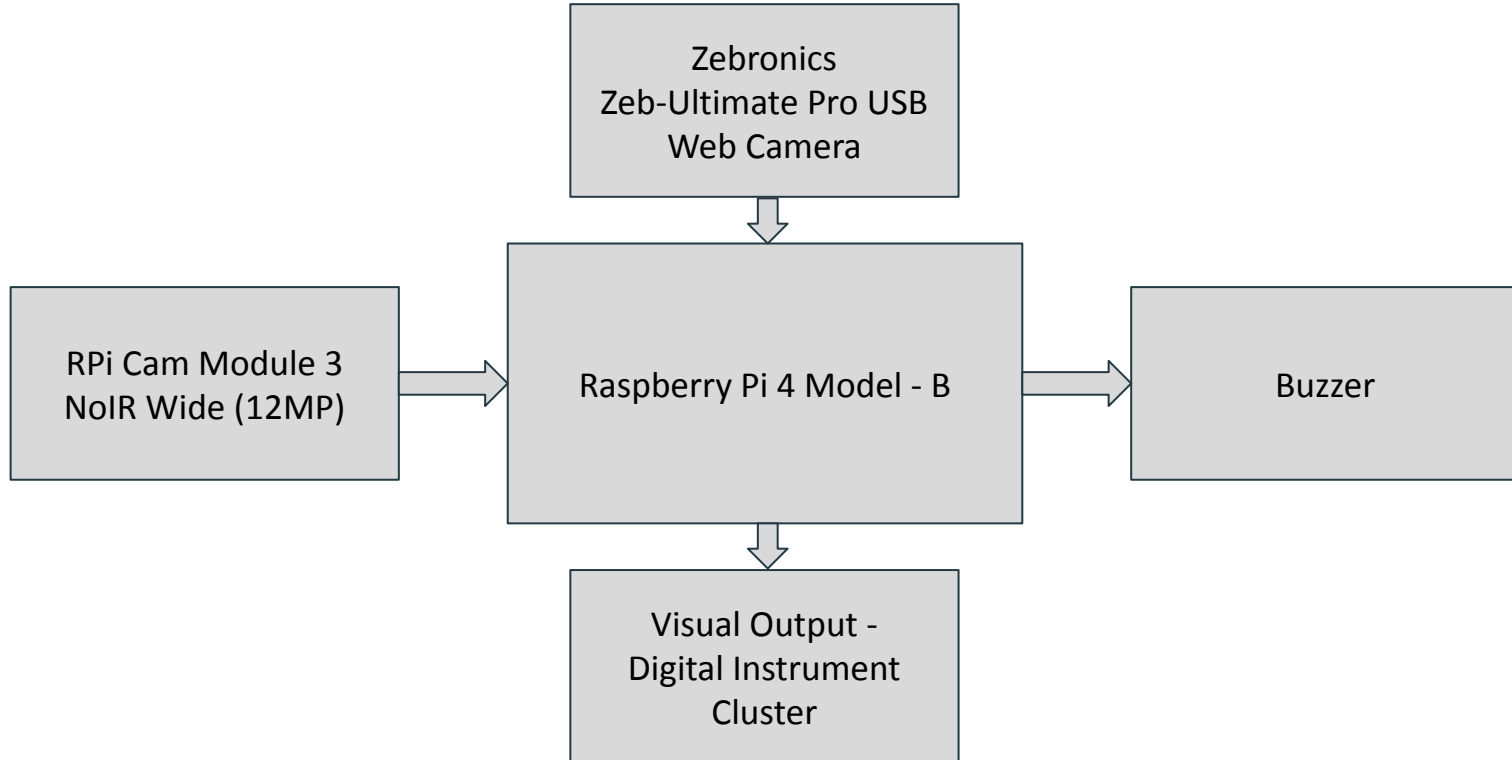
Aryan Sanjay Shah - 211060004

Hardik Bhortakke - 211060006

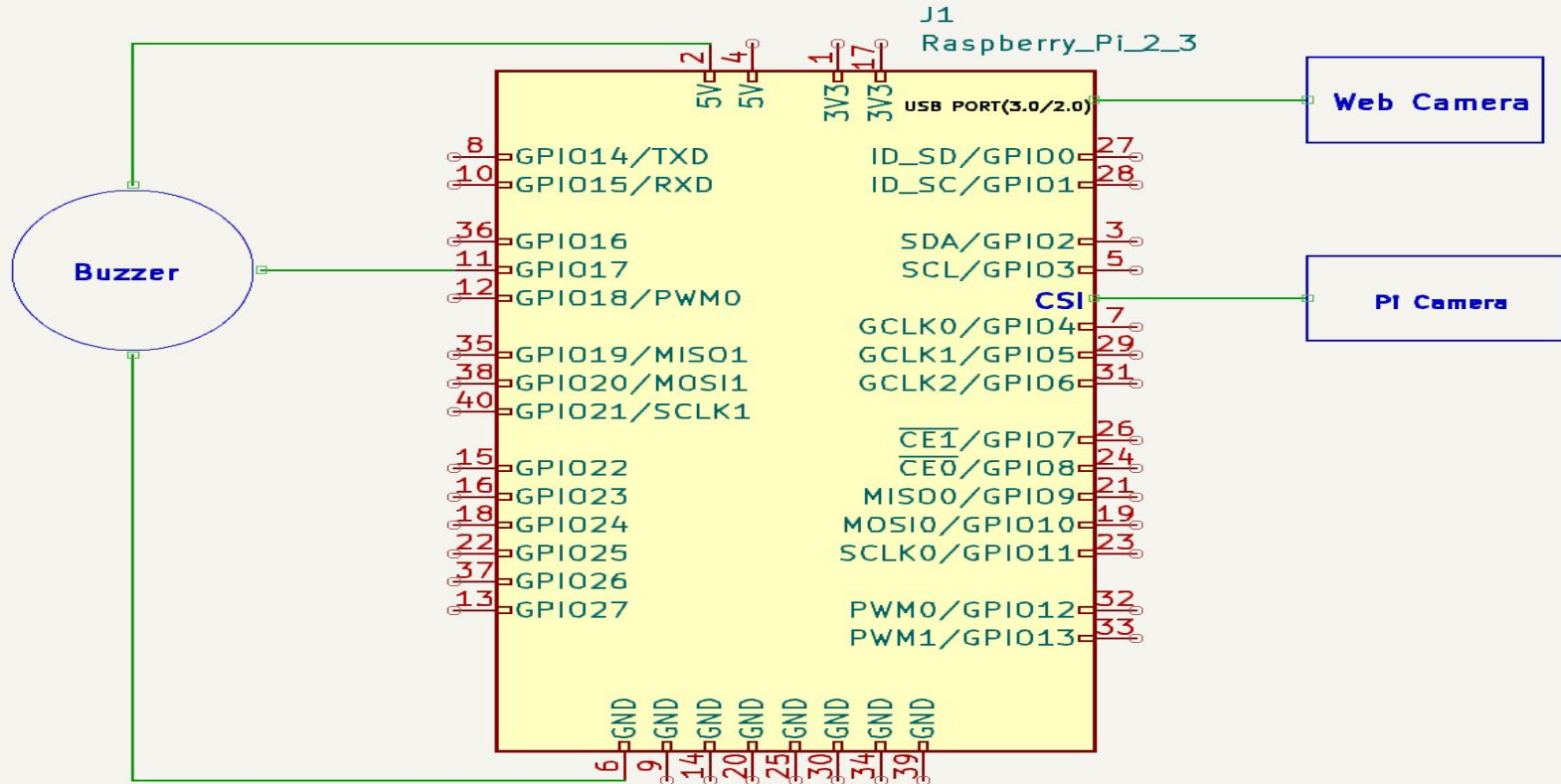
Shruti Juyal - 211061051

Aditi Shinde - 211061067

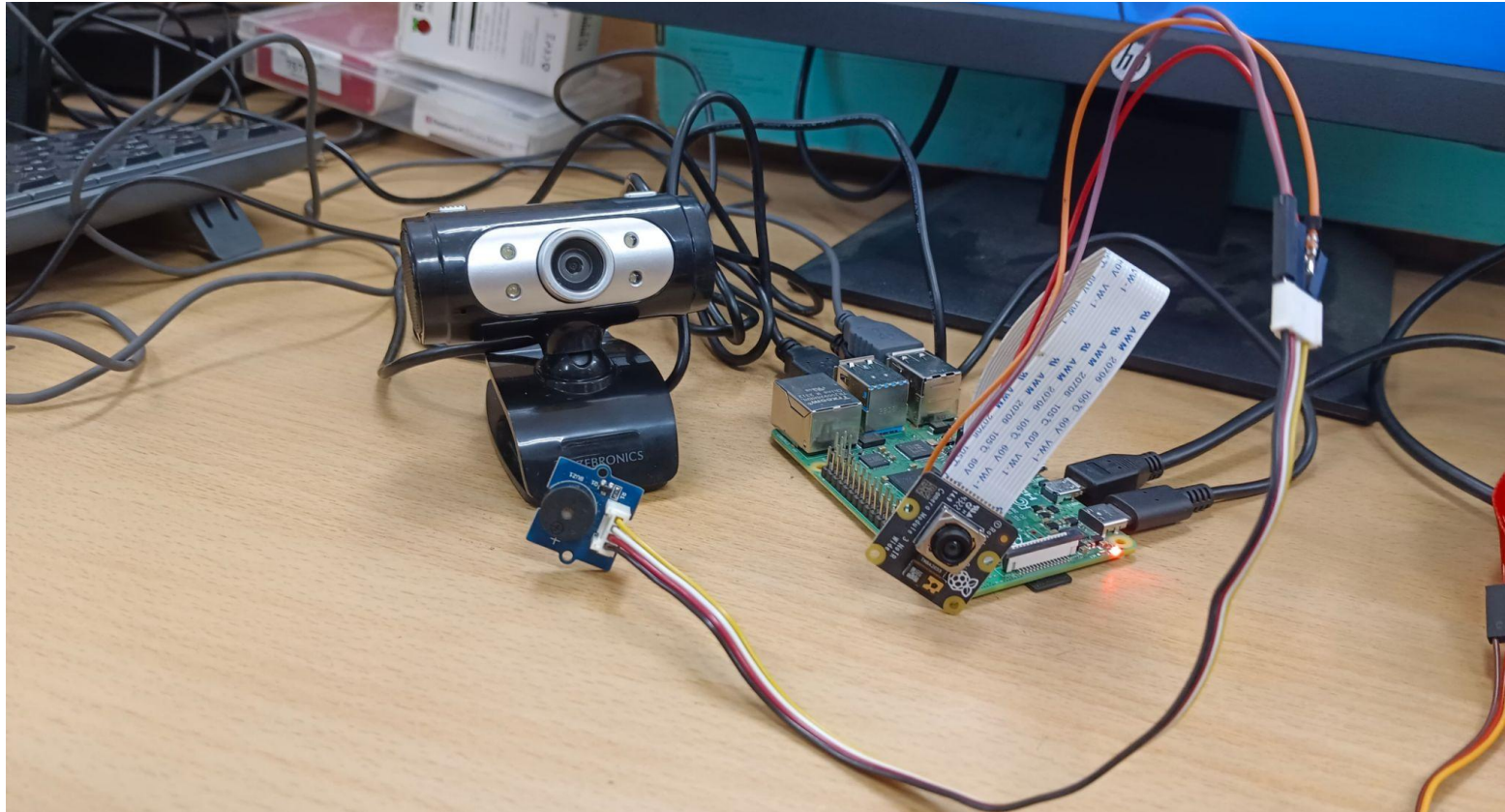
Block Diagram



Circuit Diagram



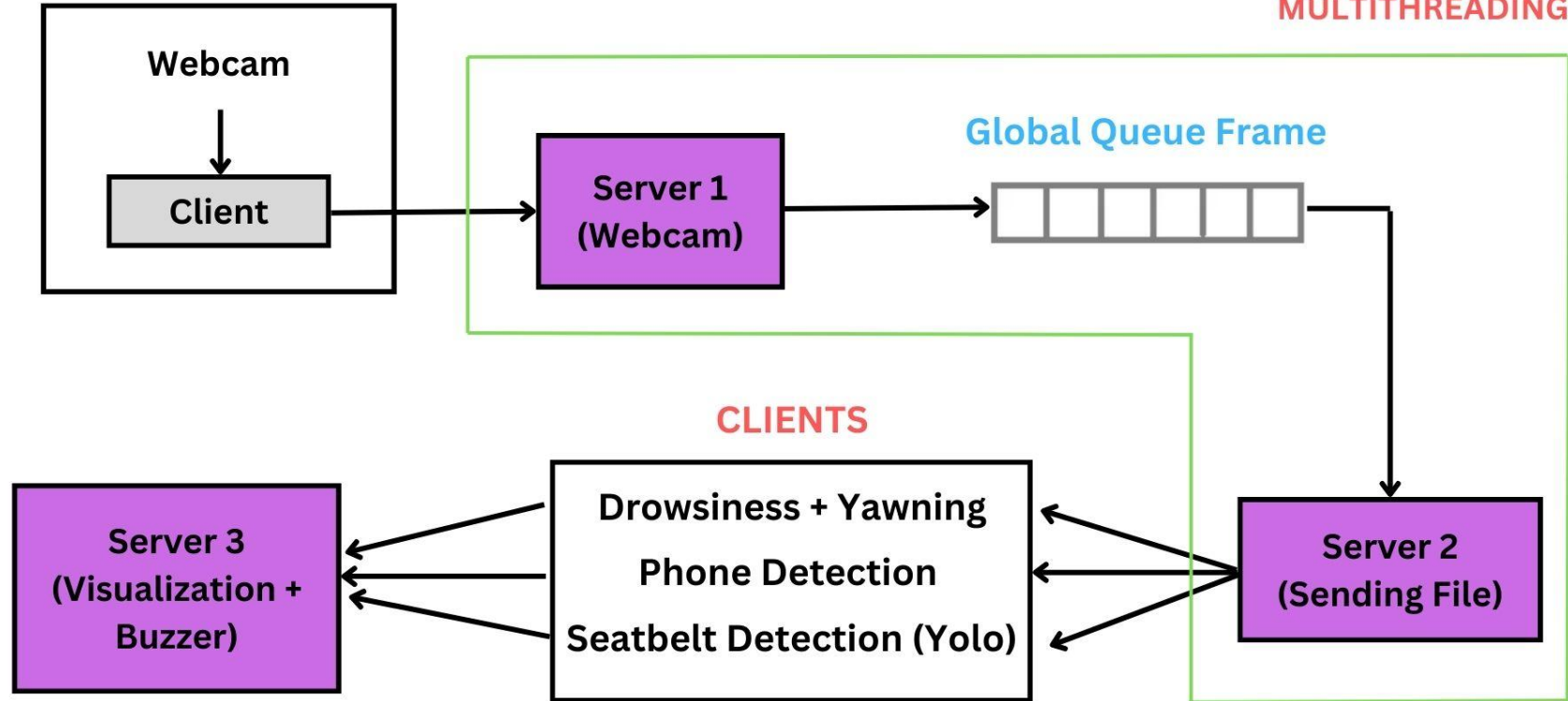
Actual Setup



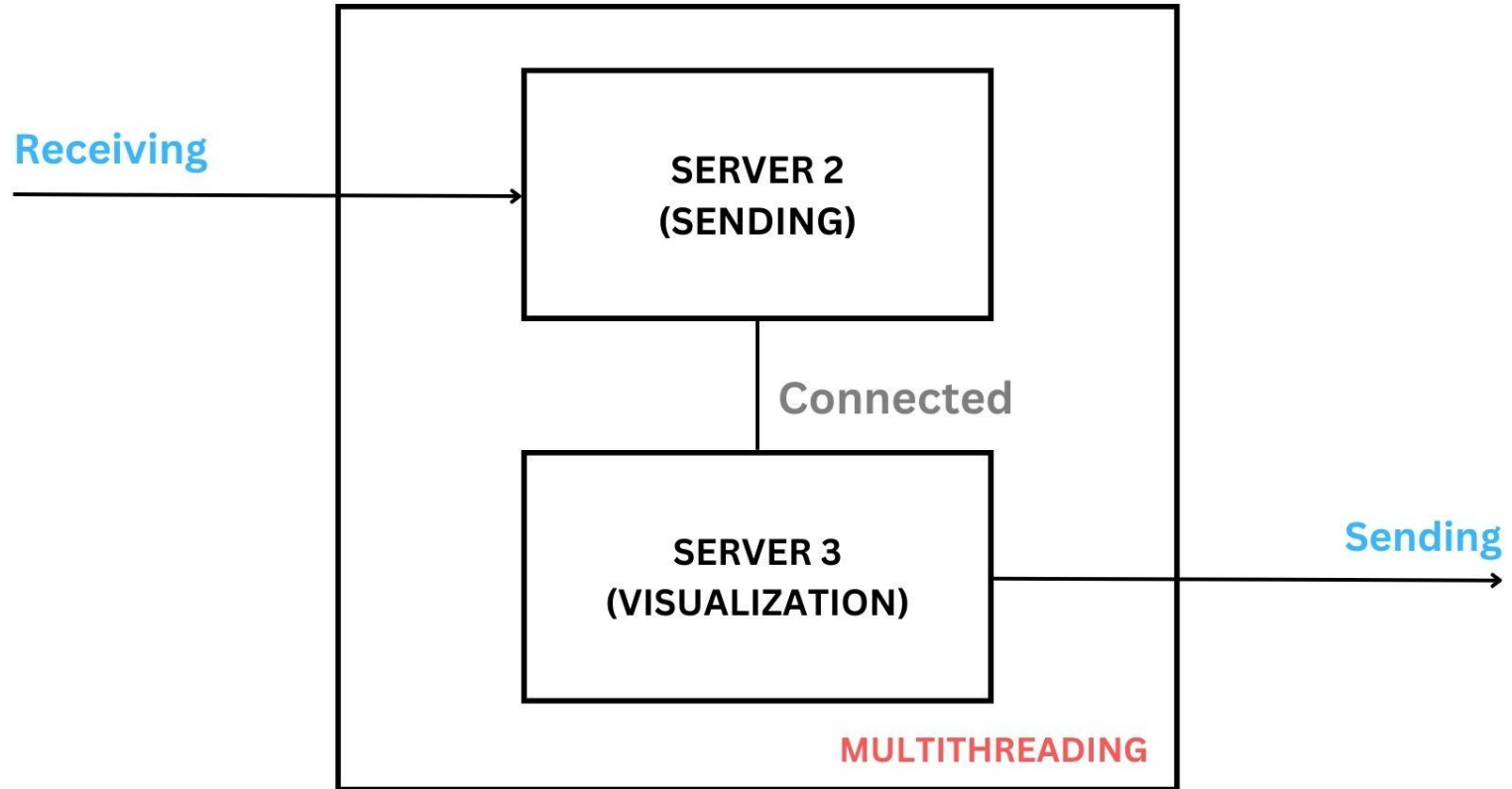
CODE FLOW

Connected to Server
(Webcam)

MULTITHREADING



CLIENTS





UN SDGs satisfied



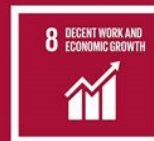
Ensure healthy lives and promote well-being for all at all ages



Make cities and human settlements inclusive, safe, resilient and sustainable



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Thank You !!!

Driver Safety System

Raspberry Pi based Driver Drowsiness and Distraction Detection System

Team -

Aryan Sanjay Shah - 211060004

Hardik Bhortakke - 211060006

Shruti Juyal - 211061051

Aditi Shinde - 211061067