**COMPUTER ORGANISATION PACKAGE ABSTRACT**

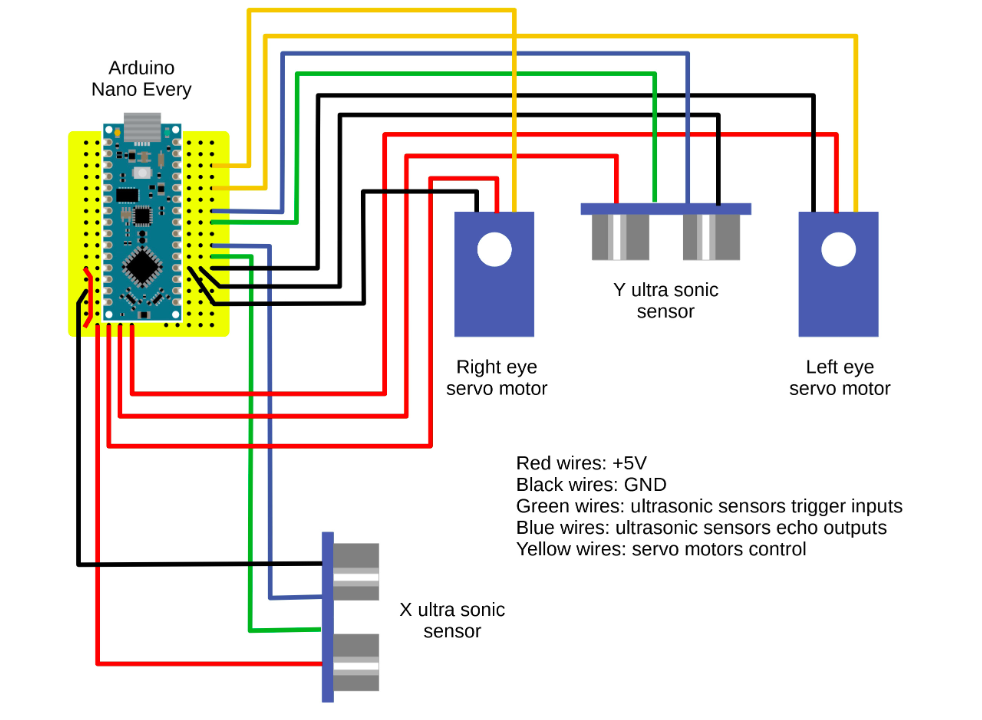
**Title: Eye Tracking**

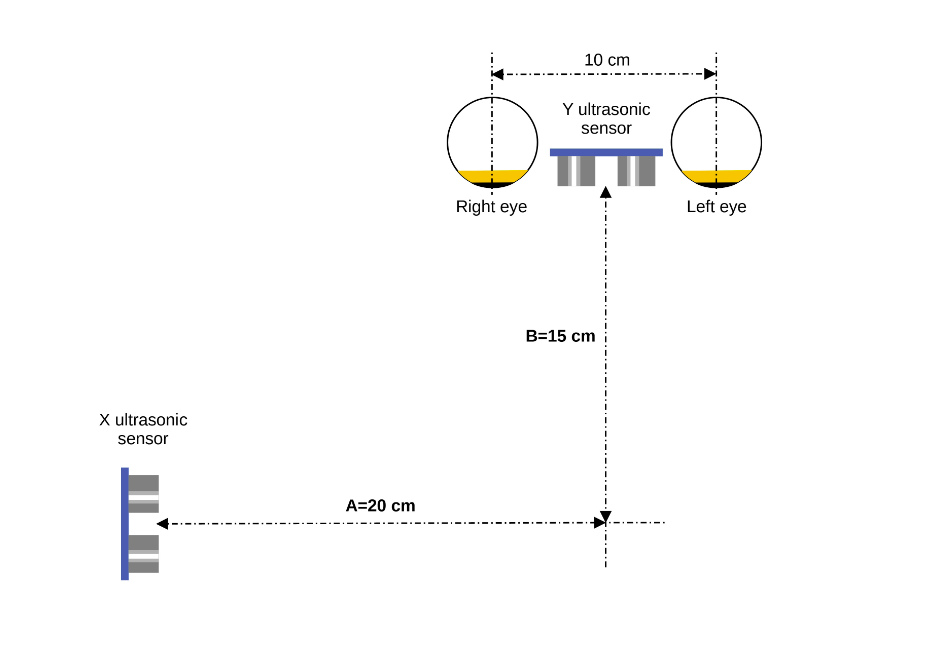
**Abstract:**

This project presents a novel motion tracking system that leverages an Arduino board, two ultrasonic sensors, and two servo motors to accurately track and follow objects in real-time. By measuring the distance of the object using the ultrasonic sensors, the system calculates its position and adjusts the orientation of a pair of "eyes" (clips) to maintain visual contact. This innovative system demonstrates a practical application of robotics and motion tracking principles, providing a hands-on approach to understanding the fundamentals of object tracking and surveillance technology. It also provides the understanding about micro-controller coding , implementation and construction of many other real-time projects.

**Team members:**

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