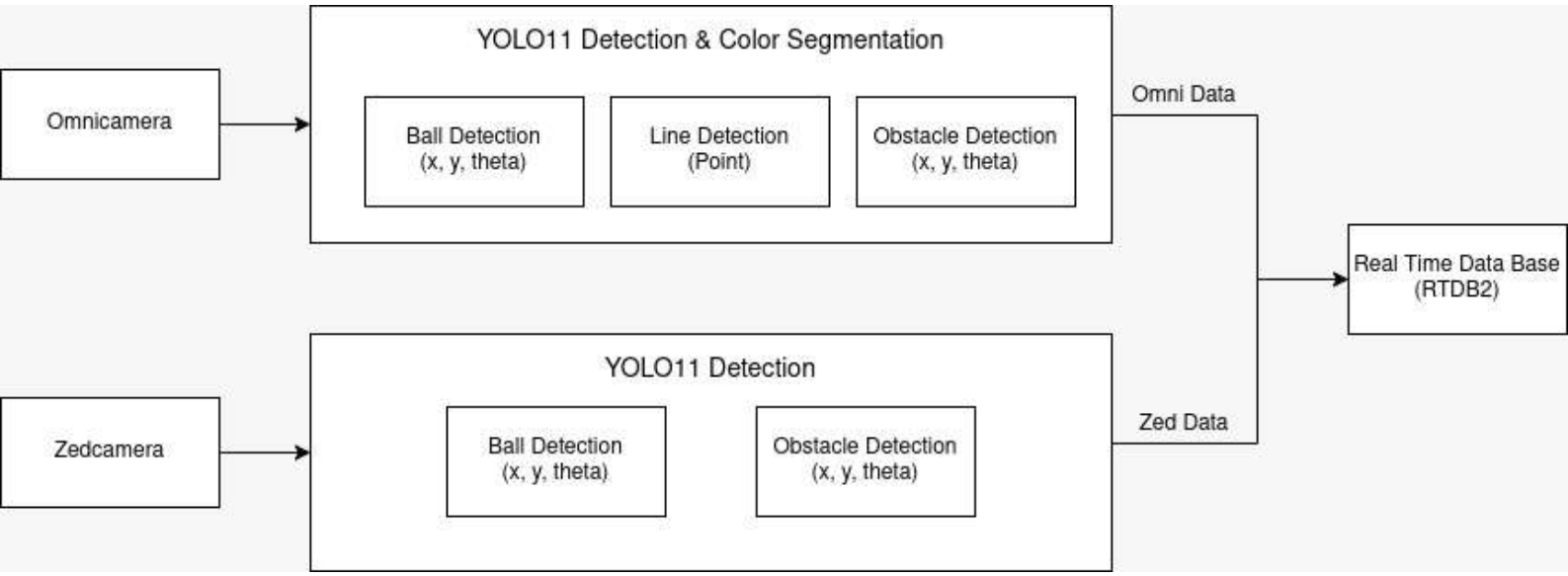
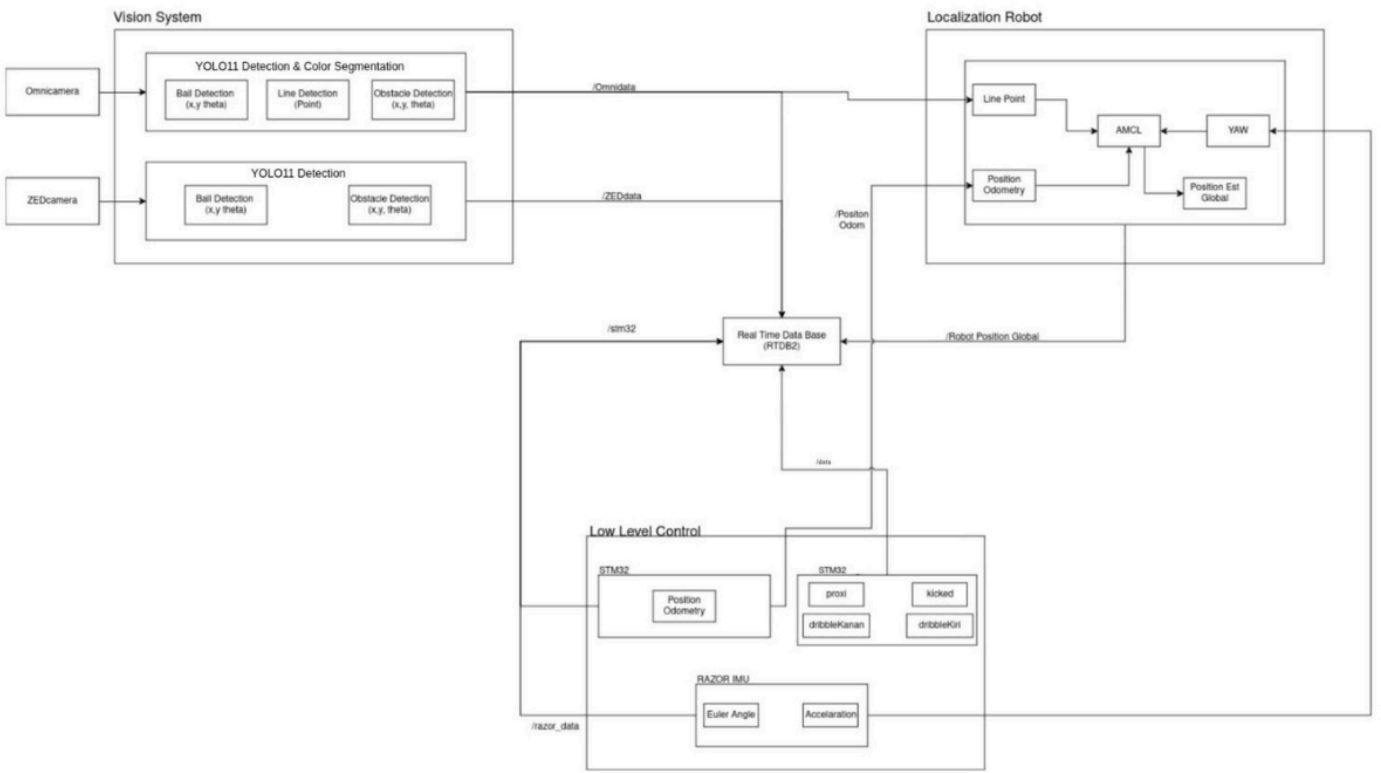

YOLO11 Detection & Color Segmentation
Omnicamera
Ball Detection
(x, y, theta)
Line Detection
(Point)
Obstacle Detection
(x, y, theta)
Omni Data
Real Time Data Base
(RTDB2)
YOLO11 Detection
Zedcamera
Ball Detection
(x, y, theta)
Obstacle Detection
(x, y, theta)
Zed Data

Program Flowchart