Human Obstacle Detection

Purpose

To develop a software to integrate with a existing robot to maneuver through a busy room from one location to another using its monocular camera.

Audience

ACME Robotics needs the robot to work in one of its factory locations

Results

Detection of Humans with accurate co ordinates of each human in the vision with respect to the robot frame of reference

Measure of success

- Detection of all human obstacles in the room without missing a single obstacle.
- Filtering all the false positives.