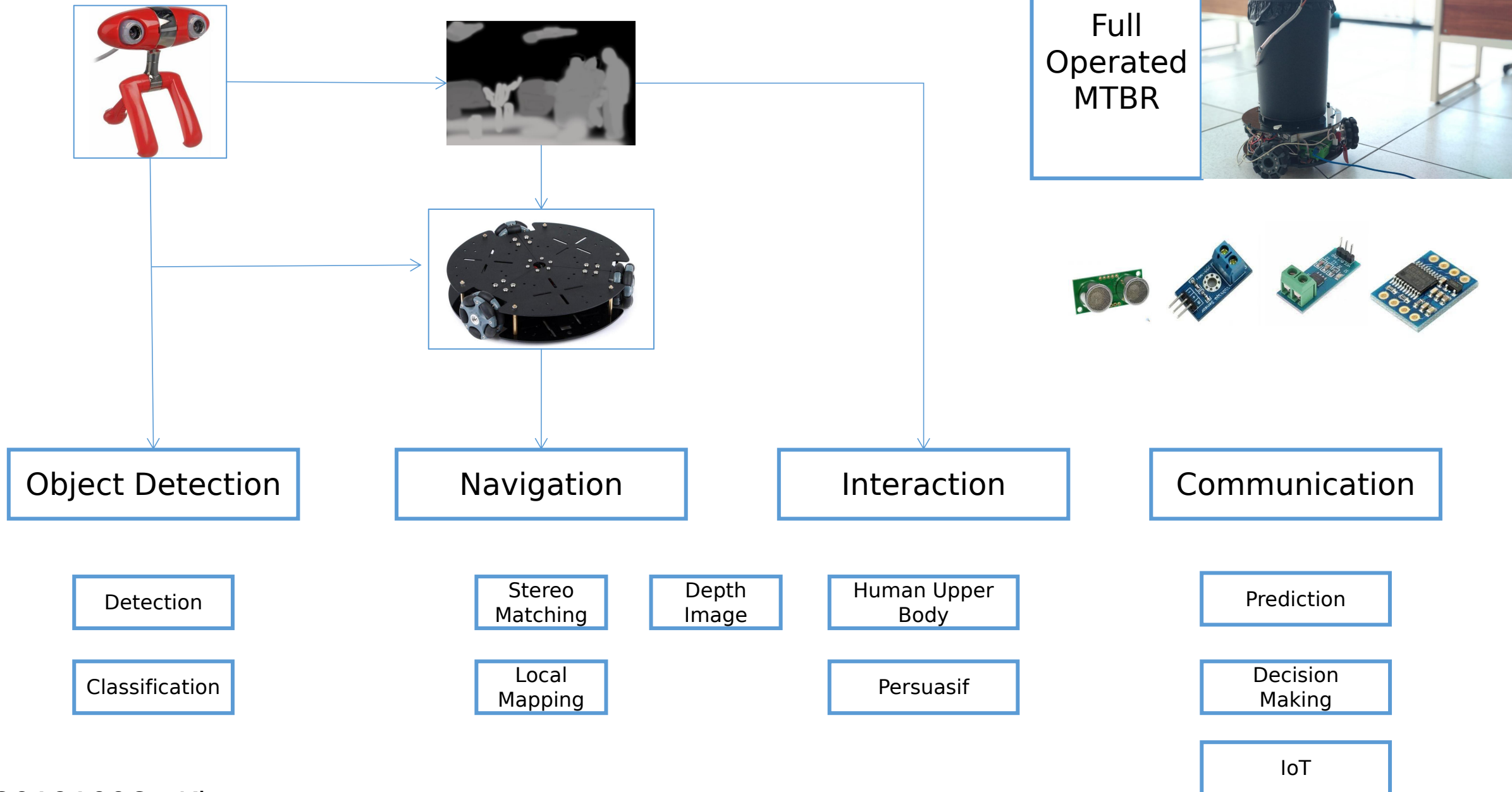


Weekly Progress - 14/4/2020





Already Done

- Installing ROS and QT Creator
- Access camera using ROS
- Create simple publisher subscriber (txt and img)
- Try roserial to send data from arduino to PC
- Trash detection using Haar Cascade

program is uploaded in github

<https://github.com/kisron86/atracbot>

On going

- Convert irfan's program to ROS environment
- Trash Classification using SVM method
 1. Extract Feature using HOG and GLCM
 2. Training SVM
 3. Testing

Problem

1. Error library in ROS (solved)
2. Error Library for stereo function (use opencv2, but in ROS is opencv 3 installed)
3. Work hour internet doesn't stable

Solution

1. <https://roboticsbackend.com/ros-include-cpp-header-from-another-package/>
2. Install Opencv version 2
3. work at night 01.00 - 06.00

Next task

- Programming Trash Classification using SVM Method
- Prepare for international conference