



EMBEDDED SYSTEMS

Assignment 6

CLIENT / SERVER



- Write client / server application to control your radar station.
 - You should be able to type a command on your laptop or host system that the Raspberry Pi receives via WIFI. The RPi then performs the command in collaboration with your MBED radar station.
 - Use sockets for your network communication.
 - The client should accept the following commands:
 - Start scanning – Start (continue) scanning from it's current location (180° sweep).
 - Stop scanning – Stop (pause) scanning.
 - Scan at heading– Move to a specified heading and scan in a smaller (15°) range only.
 - Display data – Display x,y position of all located objects on the command line of the host system (laptop).
 - Commit the program to your team repository under the branch assignment6-client-server.
 - Demonstrate with a short video.