Device Driver

A device driver must be written such that the features of the robot can be accessed from Linux. These features include:

- click: The robots are capable of creating a short clicking noise. Activation of this click must be possible from Linux.

- Translational velocity: Setting the velocity of the robot must be possible from linux. This includes both forward and backwards motion.

- Rotational velocity: Setting the rotational velocity of the robot must be possible from linux.

- Microphones: Each robot is equipped with four digital microphones. It must be possible to read the output of each microphone through linux.