# Planning – Project Session 3

## Task Division

Please outline how the tasks for the week will be divided up among the group and the reasons behind your thinking (recall the contracts you signed during the team work workshop)

Tom + Rory will work on the sensor board, focusing on the construction. Then moving on to the implementation of the I2C connection between the sensor and the car, at first using basic line following techniques and then moving on to a more advanced PID control system.

Becca + Tiger will convert the HMI to act as a slave which will receive data from the master. Once a PID control scheme is implemented they will alter the HMI to able to control the PID constants.

## Time Plan

Please provide a time plan. Either in words in in the form of a chart. It must indicate how all members of the group will be kept engaged.

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| --- | --- | --- | --- | --- |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Complete individual sensor emitter pairs. | Complete soldering sensor board | Complete basic line following code. | Implement PID control scheme. | Testing and polishing of code. |
| Start soldering of sensor board | Calibrate the sensors for black and white backgrounds. |  |  |  |
| Start code for HMI I2C bus |  |  |  |  |