

INSTRUCTIONS:

- Only 1 submission is required per group. Make sure you communicate with your team-mates to ensure that everyone is clear about who will be submitting the assignment.
- The person submitting the assignment should ensure that all of the team-mates names are on the title page.

At this stage, you probably have some idea of the problem that you would like to solve (and are starting to get ideas for how the problem might be able to be solved).

Find at least 5 sensors, actuators, motors (SAMs) etc related to your possible solution. For each SAM, provide the following information:

- a) A short sentence of how or why this particular SAM is required.
- b) An indication of its cost (if readily available – you DO NOT need to obtain a quote).
- c) A summary of the specifications of the SAM (it may be helpful to also include the data sheet).
- d) The advantages and disadvantages of each SAM.