

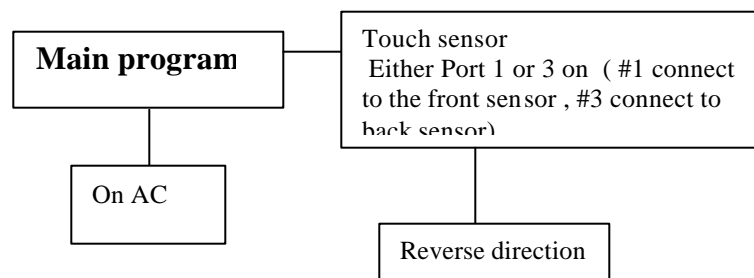
## Design Specification (10%)

Please answer the following questions and return to your instructor on Monday week 10

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1. What is your group's ultimate goal for the project, is it getting the best grade or winning the competition?
2. What is the strategy for winning the competition? How do you go about getting the fastest time without getting stuck somewhere in the course? Do you have a weapon or plan for fighting off the unfriendly robots? Please provide text and drawings to illustrate the design.
3. What is/are the main sensor/sensors for guiding the robot around the course? How does each sensor assist the robot in going around the course? Please provide text and drawings to illustrate the design.
4. Provide an outline of the program for wheelchair, car, and defender robots

Example of a car program:



5. Provide a system layout:

Example of System Layout:

