**CS 4758/6758 [pick one]: Title of your awesome project**

[[Clearly specify if you are doing this for CS 6758; otherwise you will not receive the full score.]]

Student Name 1, Department/major, year, email@cornell.edu

Student Name 2, Department/major, year, email@cornell.edu

**Abstract:** Summary of the project, overall goal and what you have accomplished so far. (max 250 words).

**Keywords:** 2-3 keywords, e.g., control, vision, sensor fusion.

**Robot:** Please write the name of your robot.

[[Suggested format below. Please feel free to write as it is appropriate for project.

Minimum font size: 11. Minimum margin everywhere: 1 inch.]]

I. Introduction (~1 page)

Briefly:

(a) motivate the problem,

(b) describe the prior work; this is specially important for CS 6758 projects.

(c) Give a summary of your approach,

(d) briefly mention current status, results and future goal.

II. Robot (1-2 paragraphs)

Briefly describe your robot setting and the hardware and other logistics.

II. Your approach

This section is the main area for your expression of the technical parts in the project.

Describe clearly the algorithm you are using, especially if there is a novelty in your approach. If you are using an existing code or approach, you can just refer to it instead of describing it completely again. We are more interested in knowing how do you apply the techniques to your robotic projects.

If you did some interesting design in algorithms or the system, please describe that.

Include graphs and figures as appropriate.

III. Experiments

A. Data

Describe the data brielfy in a paragraph. Clearly identify the setting you are considering to indicate its hardness and difficulty.

B. Accuracies

Mention the offline experiments and how much performance are you getting.

C. Robot experiments

Describe the experiments you have done on the robot. Discuss where it worked and what are its limitations.

IV. Future work and timeline

Specify clearly what your goal is, and what specific

approaches you would be taking in the rest of the semester.

V. References

Bibliography