Your Project Proposal Title

Your Name[1] and Your Teammate's Name[2]

I. INTRODUCTION & MOTIVATION

(team part)

There are five sections in this template, please follow the sections and feel free to add sub-sections.

In this section, you need to give an introduction of your team's project started with a couple of sentences that introduce your topic to your readers. You do not have to give too much detailed information, but you should explain why this project is "important".

You should learn some common usage of LaTex, or you can revise this template to your own project proposal.

II. SYSTEM ARCHITECTURE & EQUIPMENTS

(team part)

A. SYSTEM ARCHITECTURE

This section explains the approaches in both "hardware" or "software systems". You should explain here the key components/modules and they are working together (typically in a flowchart or a system diagram). Wherever possible, the methods and tasks to be performed should be outlined in logical sequence and explained in detail. Do not assume the reviewer will fill in the gaps in your logic. A ROS system diagram generated by rqt_graph [1] may be useful (you can learn "rqt" easily from google).

B. EQUIPMENTS

You should list the hardware which is necessary in your project. Your project will only become For example, duckiebot with a gripper Fig. 1.

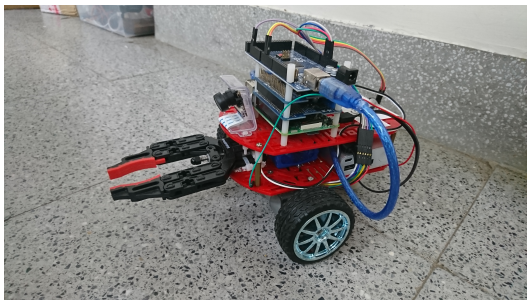

Fig. 1. Duckiebot with gripper

*This work was supported by the Robotics Master Program in National Chiao Tung University, Taiwan

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[2]You should add your teammates' names here, b.d.researcher@ieee.org

Fig. 2. Teaser figure: this figure is the most important one in the paper. It gives your readers the first impression of this work. The teaser generally includes the overview of the proposed approach and the key contributions. It appears at the upper right of the first page.

III. SPECIFIC AIMS

(individual part)

Specific aims need to be concrete enough, so that it is clear what will be the expected outcomes of this work. You also need a reasonable scope that you could finish in this semester.

- Specific Aim 1.
- Specific Aim 2.

IV. APPROACH

(individual part)

This section should include the methods that you will need in order to reach the specific aims. You could include how you will implement your software/hardware, the design of the algorithms. Some preliminary results will be helpful as well.

You may also state what experiments you will carry out to convince the readers that you reach the specific aims.

V. SCHEDULE AND TEAM COLLABORATION

(individual part)

In this section you should write a estimated timeline of your project. This schedule will be very crucial to keep up progress for your project. If you are in a team, you're encouraged to add other team members' on the timeline. It will better show the coordination of your team.

REFERENCES

[1] ROS rqt_graph. [Online]. Available: http://wiki.ros.org/rqt_graph