UP Competitive Robotics Club

Ideathon Orientation

Slides by:
TournOps Team

Icebreaker

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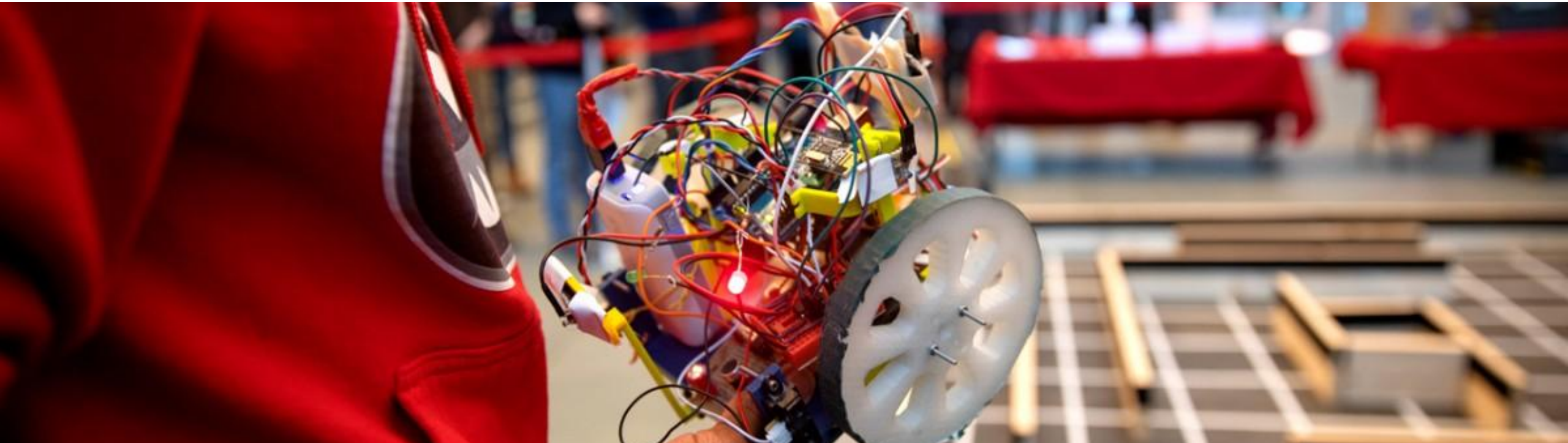
Prologue

UP CRC is about to compete in a local line-maze solving competition and you and your team have decided to compete with the other teams to win the right to represent the org. To accomplish this you've decided to design your own robot for the competition. As part of the funding process you must convince a panel that your design is the best alternative amongst the ones proposed.



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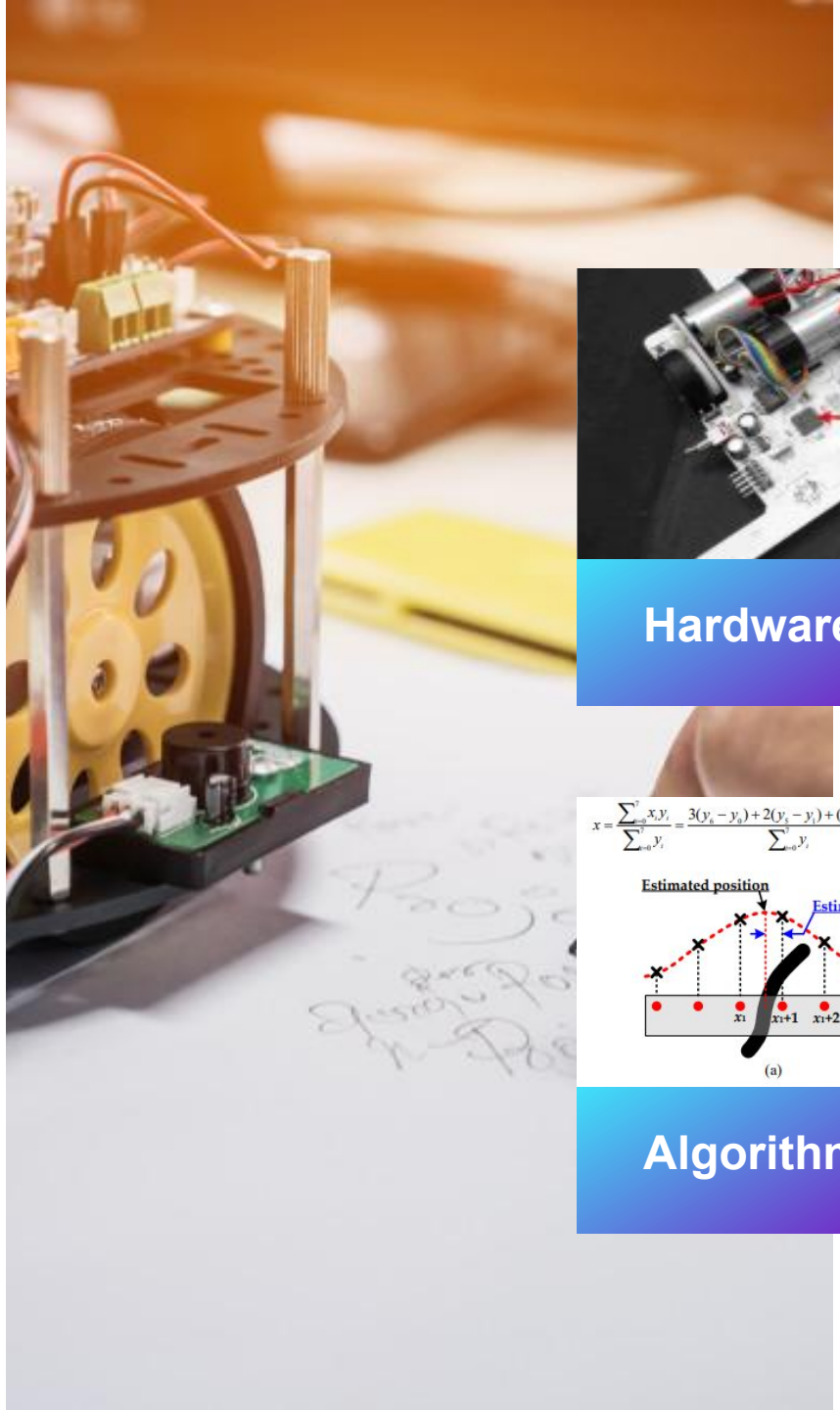
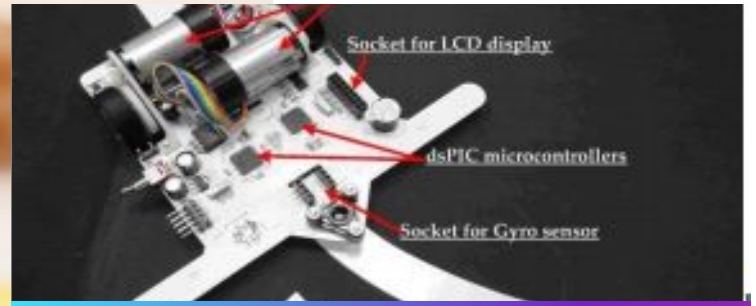
What do I need to do ?

- **You must come up with a detailed proposal which includes a instructables-like document and a video presentation.**

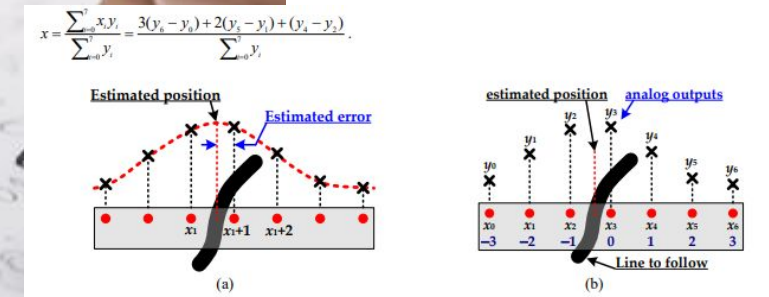
The proposal should generally include:

- Description of Hardware components and assembly
    - Bill of materials and schematics
- Diagrams for the physical form of the robot
- Program Flowchart and description





Hardware Description



Algorithms and Maths

Examples

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Guidelines

Feasible

Innovative

Efficient and Economical

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Guidelines

Easy to Fabricate

Accounts for Non-Ideal Conditions

Readable and Easy to Understand

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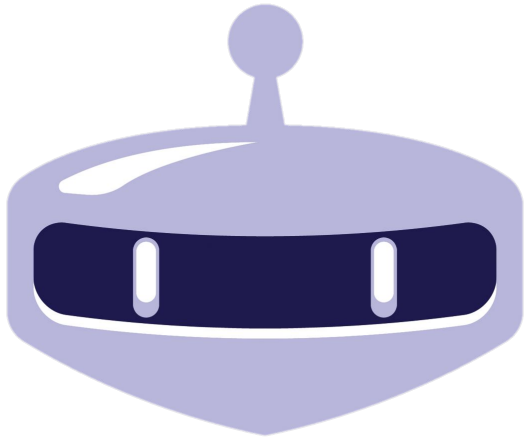
Judges



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- Instructor, Electrical and Electronics Engineering Institute University of the Philippines Diliman
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- BS Mechanical Engineering, Magna Cum Laude
- 1st Place Design Category , UP College of Engineering Undergraduate Project Competition, Dr. Francis Innovation Awards
- Global Winner of Virtual Shell Eco-marathon
- ALAMAT UP co-founder

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Guidelines and Rubrics

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Q&A

Go to menti.com and type in the code –here-

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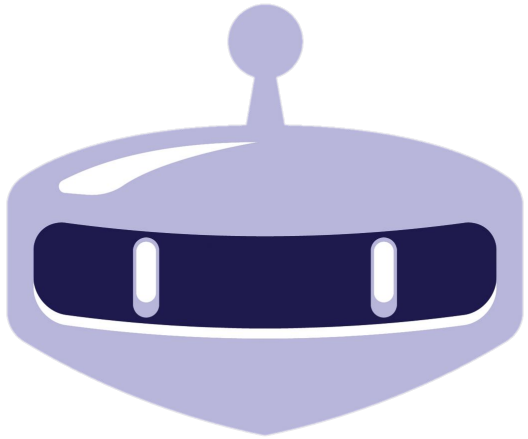
Closing Remarks



Thank You

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