Dalek - DIY RoboCar - Large Diff Robot #1 Project Status

Project Start Date: Nov 2022
2022-2023 Team Members: Lizzy Borrayo

Overview:

Type a short paragraph (50-100 words) about what this Project is… This robot is a small 2 wheeled / caster platform…
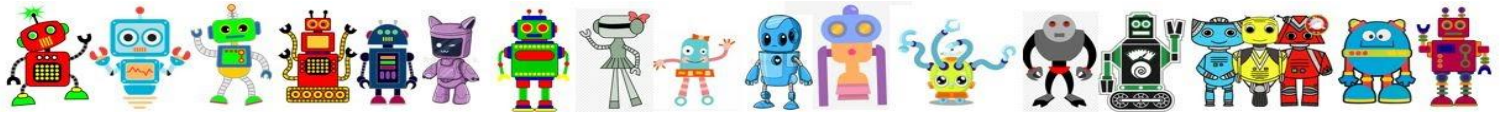
Project Resources & Links:

This is a list of project resources and links. It should include links to data sheets, tutorials, Youtube, or other sites with relevant information for this project.
- Link To <u>\<Robot Project Name\></u> Resource Page (only if Mr Burnham Gives You a link)
- <u>Emergency Stop Buttons and Emergency Circuit Design Resources</u>
    - <u>Raw Email/text about Emergency Stop</u>
    - <u>Emergency Stop Buttons and Circuit</u>
- RoboClaw Tools & Docs - Got to http://www.basicmicro.com/downloads and install
    - http://downloads.basicmicro.com/software/IonStudio/setup.exe
    - Also install the Win USB Driver http://downloads.basicmicro.com/code/USBRoboclawVirtualComport.zip
-
-
- \<add all the links to resources and tutorials, etc\>

Next Steps (The Big List):

This is a list of the next steps for this project. Next time you work on it, these are the steps you are going to work on. Each time you work on this project, you might add or re-order these tasks.
- ☐ \<List steps in order next to last\>
- ☐ Next
- ☐ …
- ☐ Last

11-17-22 Hubbot research day 1-

What Is The Plan Today:

Finding out how many Amps and Volts it is

Planned Task List:

- ☐ List each
- ☐ Task you are trying
- ☐ To accomplish today

Useful Reference Links:

- ● List any links related to today's work
- ●

What Did We Working On Today:

- ● 300V 20A
- ●
- ● Include pictures, Code or links to Code, and links to reference material.
- ● **What Worked - What Steps Did I/We Solve:**
    - ● Short description of what your team did today… Date driven... as you enter entries, keep the latest at the top. Also, whenever you post an update here, also update the Project Resource Page as well…
    - ● Other things that worked…

- ● **Challenges, Questions, or Roadblocks:**
  List all the current issues that are a challenge and preventing forward progress on this project
    - ☐ Next step..
    - ☐ Next Step…

What Will We Work On Next Time?

- ☐ (fill this out at the end of class/open lab activity time)
- ☐ List your next 2-5 steps or activities.
- ☐ This is key!!!

- ☐ You need to be thinking about this project as a whole, and break it down into
- ☐ small tasks you can complete in 30-60 min
- ☐ Be sure these items get on your Big list

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Backup Template

<copy text between these lines below>

<Date> <Title - Daily/Weekly "Blog" Project Title - compelling, descriptive title>

What Is The Plan Today:

Tell a short story about what you wanted to do today... Write a short paragraph of today's Project Goals…25 words

Planned Task List:

- ☐ List each
- ☐ Task you are trying
- ☐ To accomplish today

Useful Reference Links:

- ● List any links related to today's work
- ●

What Did We Working On Today:

- ● Enter class lecture notes, Team notes, Discussions and Brainstorming topics here. Describe the steps/challenges you are working on. Make sure you describe how you set up the experiment, how you executed it, and all the materials you needed to do it. Spend time writing your "reflections". Sometimes more important than the actual results, are your thoughts on "why" and "how". Here is where you accurately describe both the success and failures. be sure to make entries, so that it is clear who worked on what part of today's entry.
- ● If you make mistakes in the data collected, document the mistake and highlight it with a comment, so you don't lose the work. Don't just delete it. Where did you get stuck? A detailed description of issues you got stuck on or did not understand.
- ● Include pictures, Code or links to Code, and links to reference material.
- ● **What Worked - What Steps Did I/We Solve:**
  - ● Short description of what your team did today… Date driven... as you enter entries, keep the latest at the top. Also, whenever you post an update here, also update the Project Resource Page as well…
  - ● Other things that worked…

- ● **Challenges, Questions, or Roadblocks:**
  List all the current issues that are a challenge and preventing forward progress on this project
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