Page with Logo and space for individual’s name?

Title Page

Title: Procedure For Documenting Engineering Notebook.

Project Name: FIRST Centerstage Challenge.

Team Name: Robo-Phantoms.

Team#:

Team Members:

Ajay Muthukumar

Dhruv Shah

Enter all your names in alphabetical order.

Date Started:

Date Completed:

Coaches: Mr. Srinath Madasu.

Ms. Subha Annamalai.

Contact Information:

Page with Table of Contents.

1. Project Overview:

Write a brief project overview.

1. Team Information:

List the team members, their roles, and interests.

1. Game Analysis and Strategy.
2. Research and Information Documentation.
3. Brainstorming and Concept Development.
4. Comparative Analysis of Concepts.
5. Selecting the Preferred Design.
6. Design and Development.
7. Conceptual Design:

Write about the initial design ideas, concepts involved, and sketches of the chosen Solution.

1. Prototyping and Testing:

Provide all the details of the prototypes made to test the and document the results here. Include Materials used, diagrams, photographs, results, learning outcomes.

1. Modifications and Iterations:

You can iterate on the design, if necessary, based on the results. Write down any changes or improvements made in the design. Also, provide reasons for the modifications that were made. Document the entire process.

1. Analysis and Selecting the Preferred Design:

Analyze the performance of various prototypes and select a design. You can include cost- benefit analysis as well.

1. Detailed Design:

Provide all the detailed information about the chosen design from the previous step, which should include drawings, CAD designs, specifications, formulae, equations, calculations, simulations, and other relevant information.

1. Materials and Components:

List all the materials that will be needed for the design, and their sources. You may include Budget sheet in Appendix. Since we can may have to reference in other places.

1. Project Implementation:

Include Software Codes, Builds, and other relevant details.

1. Results and Data:

Document the results and data which may include scoring, robot’s route map, tables, images and other relevant information.

1. Lessons Learned:

Document what went well, challenges encountered and solutions or workarounds that were implemented.

1. Future Work:

Add future enhancements that can be made to the project here.

1. References and Resources.

Include citations.

1. Appendices: Additional Drawings code snippets, budget docs, and related additional information relevant to the project.