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6

11 people total on our team

Team Organization

Requirement: Described how the team was organized (officers, leaders, committees, etc).

We have a team leader and two teams, one of builders and one of coders. Each of the two teams have a head who report back to the main leader.

Meeting Process

Requirement: ~~Provided at least one example of how the robot was tested.~~

Decision Making Process

Requirement: Description of the decision making process the team used when deciding on strategy and/or robot design.

We sat down in a circle and we listed all our goals on the board. We picked the most important goals and figured out the steps we needed to do in order to succeed.

Handling Conflict

Requirement: At least one example of how the team handled conflict.

The team had small squabbles between members on things such as designs or techniques for the robots. In one such instance, two builders were arguing about the build of the arm that would grab and lift the rocket boosters onto the poles. The two of them took a moment aside to discuss the pros and cons of each design and eventually reached a compromise.

Changes in our team’s goals

Requirement: A brief discussion of the team's goals/strategies at the beginning of the season and how

they did or did not change over tposihe building and programming period.

The team’s goals at the beginning of the season were to get the robot done early, code and build at the same time, and get plenty of testing in—in general, be ready for the competition early. After some time, we realized that we could not get either done as soon as we had imaged, and then we adjusted as necessary, accelerating certain deadlines, and pushing back others.

Division of labor

Requirement: Description of how division of labor was accomplished.

Labor was divided according to each member’s skills. If they were more apt to code, they became a coder, others became builders and designers. The most experienced builder and coder were delegated as the leader of their team, and the team elected a leader.

Mechanical Systems

Requirement: Provided overview of the robot's mechanical systems.

Sensors in mechanical design

Requirement: Included explanation of how the mechanical design supports sensors.

Effectors in mechanical design

Requirement: Included explanation of how the mechanical design supports effector.

Testing Example

Requirement: Provided at least one example of how the robot was tested.

Example Code

Requirement: Provided at least one example of actual robot Code and explained what it does by pointing out what sensors are being used and what motors are being driven.

Tough Problem and Solution

Requirement: Provided a description of a tough problem encountered with the design and a brief

explanation of how it was solved.

Elegant Solution

Requirement: Provided a description of an elegant solution to a problem encountered in design or construction.

Thank You Letter Example

Requirement: (An example of a letter you used to thank your sponsor(s) or teacher, mentor(s.)

Ms. Powers,

Thank you so much for being there whenever we needed you. You did so much more than what was required of you, and we greatly appreciate you for that. Your support has helped the team move past difficult obstacles. We are grateful that you took time out of your busy schedule. Having you as a mentor has helped us *reached great accomplishments.*

Thank you so much for being there for everything we needed. You did so much more than what was required of you, and we greatly appreciate everything. Your support is irreplaceable

**Supporting Documentation (no electronic presentations allowed)**

Includes at least one: Photograph or CAD or Drawing or Physical Model.

~~Includes a Flow Chart.~~ DONE

~~Includes a Graph.~~ DONE