

1. Project Manager:

Rene Diyarza will be this team's project manager.

2. Team Purpose:

The team was formed by students who were interested in the robotics competition. Prior to meeting each other, no one knew each other. The purpose of the team is for each member to work with each other in order to compete in the competition. The stakeholder for this competition is our client David Trevas. The expectations for the team is to design a robot for the competition. The expectations of the team is to make a robot that will potentially beat the other teams.

3. Team Goals:

The team's project goal is to make a robot that will be compatible within any given situation with the team's skills. The process goal is to make sure that every deliverable that is assigned is to be done in a timely manner with an extra day to make sure that there are no errors. The quality goal is for the team to produce a high quality product that is up to the whole team's standards. The team will put all their effort in this project to ensure a quality product that each member is proud of. The course grade that the team will work for is an A; this is solely on the team's efforts on completing assignments and other deliverables on time.

4. Team Member Personalities/Roles/Responsibilities:

Our team is comprised of four members with each member being responsible for the following roles:

Rene Diyarza-Project Manager: Rene's personality style, ENFJ, is conducive to management, specifically, viewing a design project not only step-by-step but in its entirety. Rene is also a good fit being that he can view a situation disconnected from emotion and without personal bias. His extroverted and intuition personality will also provide a more concise approach to multi-step solution.

David Feetterer-Budget Liaison: David's personality style, ENTP, is not directly related to financial matters, however, due to his high percentage in perception he will be a valuable asset for determining a monetary value for parts and ideas. As an intuitive extrovert he is also logical in his methodology and communicates each analytical progression well.

Yousef Alghareeb-Client Contact: Yousef's personality style, ENTJ, is responsible to keep contact with team members, report updates of the project to the client, and inform team members of the client's requirements. Yousef's schedule availability allows to arrange flexible appointments with the client.

Jose Villegas - Website Developer: Besides having a background in web design, Luis. Jose's personality style is EITJ, and is very good with his hands. He has taken computer courses other than the ones needed for his major. Jose also likes to read research articles just to satisfy his curiosity and to learn. His responsibility is to keep the website up to date with our research of the ongoing project. This is where all of the groups project information can be found. The team will decide what important material will be included.

We have decided to make everyone responsible for document and secretarial management. By doing this we hope to hold all group members accountable and to ensure mutual understanding at each step in the design process.

5. Ground Rules:

Team meetings will likely be conducted during class, however, our team has agreed to meet outside of class for all, but not limited to the following design aspects; collaborative assignments, research, client interactions, mechanical analysis, and fabrication. Our team has agreed on a set of fundamental ground rules that apply to both face to face interactions, and design integrity. Interactions between members will at no point become hostile, but rather will strive for mutual respect and equality. However, due to the length and scope of the project it is likely that differences in ideas and protocol will arise and will need to be mitigated through group arbitration and neutral discussions where we will strive to either find a compromise or vote until we arrive at a group consensus per the Project Manager's discretion. Each member is expected to put forth their full effort, while it is understood that all members have exterior commitments, all recognize the importance of Capstone and will dedicate more time that would otherwise be spent on personal use.

6. Potential Barriers and Coping Strategies:

In order to achieve effective teamwork we must understand potential and unforeseen barriers. These barriers can materialize in a multitude of ways including but not limited to lack of individual motivation, individual design expectations, differing and possibly contradictory working styles, and conflicting schedules. Each barrier will need to be treated separately in order to alleviate the cause of conflict. We hope to confront issues on a personal level where each member actively participates in the arbitration process resulting in an agreeable outcome. To reduce schedule conflicts we will establish regular meeting times far in advance so that this project can remain a priority.