

Team 2 / Project 2

Team Organization Evaluation

Organization Evaluation:

In this project there were only two team members working. We maintained a friendly democratic atmosphere in which both members were having equal responsibilities for the completion of the project. Most of the things worked well according to the milestones we decided upon earlier prior to starting the work. The only delay was the finished robot, which we completed just before the demonstration. The reason for this delay was the more-than-expected amount of time that was spent on testing. But it was good in the sense that with longer testing we came across several possible threatening situations that could have caused problems in demonstration that we corrected well on time. For example, the side bump sensors in front of the back wheels were not the part of design until we found some problems in the later stages of testing that too much of sharp turning by front wheel while avoiding obstacles can cause the robot to get stuck on a rock. We knew from the beginning that we are the only two members for this project so we started working on project from the time we got the final details of the project. We assigned the task of completing project around two main parts i.e. software and hardware and we both worked on our parts separately to make prototypes and worked together thereafter testing our designs and completed final robot together. We were able to coordinate everything successfully because we were aware that we didn't have too much backup in the case of delays, we tried to stick to the plans and finished everything on time. We wrote the final

report by dividing it into only two main parts i.e. software and hardware and completed it individually.

Plans for the Next Project:

In this project we found ourselves well organized so we have decided not to change most of the things and try to work in the same way as we worked in this project. There are only a few changes we are thinking of implementing in the next project, and are as follows:

- (1) Allocating even more time to testing part than we gave for this project, since we found that most of the ideas come when the real problem occurs. To accomplish this we will allocate less time for initial designs of software and hardware models.
- (2) Try to save extra time for final report so that we express and share with others our views and ideas and think more clearly and effectively.