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InvenTeam Essay

There are many ways in which the semester had benefited to me personally. One of the main reasons is that I am going through the process of how to write up, and organize a grant proposal. I may or may not have to write another grant proposal, but if I do, then I will have the experience of doing it, and it will make it a lot easier when I am older. There were few things that I learned while we as a class wrote up this grant proposal. One was that I had no idea how much work had to go into it in order for it to be a well-developed and well-written grant proposal. I also learned how to work with other people on a very large project such as working on getting a grant. I think that the skill of working with other people towards a common goal is a very important skill to learn. I think that it is good that I am learning it now when I am younger and in high school, rather than trying to learn in in college or even out in the world.

As we were going through this grant proposal process, there were some other topics that we studied in the class that we felt would benefit us if we were to get the grant and invent an electronic device. We studied basic electronics and how they work. We also studied and researched a lot of invention process and the design process. This was done to help educate us on how to invent something, and how to do it the easiest and most organized way possible. And we have also been learning how do build electronic

circuits on micro-controllers and how to program them with a computer. This has been an interesting and educational thing to study. It is also very fun to program micro-controllers and we felt that they may play a very important role in our invention. I think that if we learn enough about micro-controllers, we might be able to program a micro-controller to run our water quality-measuring device. So we have been working very hard in trying to understand how to build circuits and program the micro-controller.

The first and largest accomplishment thus far in the Design Engineering class and during this semester is that we completed our grant proposal and we were accepted as one of only a few schools in the nation to receive a grant from MIT for up to \$10,000. That was our biggest accomplishment but it was not easy. It required a lot of work and a lot of extra time to make that happen as well as we did. Another great accomplishment was we have successfully learned the basics on how to control micro-controllers. This is exciting because there are so many different and exciting ways to use the knowledge that we have learned with micro-controllers. And although we have learned the real basics with them, there is still a lot to be learned about them and a lot more ways we can use them that we don't know about yet. Another major accomplishment that the Endeavour Inven-team has made was that we were able to give a presentation in our local Board Meeting. This is a great accomplishment because we are making ourselves and our project known to our community and this could help raise funds to pay for our whole class to attend the MIT showcase in June. It was also help by spreading our names in the news and it will make it easier for scholarship programs to see us. Hopefully, they will look at us as possible scholarship recipients.

There are a lot of benefits that we have already seen and gotten. One is that we are meeting a lot of people and companies in the engineering field. We have made many resources that we stay in contact with and in the process of this, we are meeting a lot of people in the field. This is good because I think that a lot of the students in the engineering class want to grow up and pursue a career in the engineering area. Although we may not go into this exact field, we will still have seen how some of it works and will be somewhat familiar with how it works. One benefit that I hope will come out of this project is that I am hoping to get familiar with the people in the field and hopefully they will be able to help us get into a good engineering school and later maybe even a job. I don't know if this will happen or not but it would be very nice.

This is definitely going to play a big role for me in the future. I am planning on going into engineering field when I graduate from college and getting grants I think will be very important for getting money for various things. Plus it is not only getting the money, it is also the fact that I worked with many other students in order to complete a goal. This is a big part of life. And I think that it is good that I am learning these things young and when I have to do it in the real world, I will have done it before and it won't be new and I will have experience in it. Also when applying to colleges and jobs, having gotten a grant before will have a very powerful thing to use and to put into my resumes.

I hope that after this project is done, that I will be able to use the experience to help out my college career and even in my job when I am older. It was a very fun

experience and I think that I learned a lot. It has been hard and will continue to be difficult all the way up to the end of the class. It is a challenge to work with a lot of other people in one large project but I think that I am starting to learn how to do it and I think that the class as a whole have learned a lot and will learn a lot more by time this class is over. I think that it is going to help me out a lot and I hope that it is going to help the other students in the class.