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EE322 – Engineering Design 6
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Projects Analysis

After a quick reading of each of the class project submitted, I had chosen five projects that are of interest to me. I will explain in brief of my potential contribution to the project and I will also try to give suggestions of possible adjustments in the project to make it of more interest to me. Here are the five projects that I chose.

1. **Smart Parking System by Joany Anak Jores (interest score = 5)**

First of all, of course I will be willing to work on this project over the semester because this project is of the greatest interest. It is stated that one of the skills required is knowledge in System Theory. This is my strength that I can use to contribute to the project. Besides, if Joany is going to use Android platform to develop this project, I think that I can contribute more as I myself has interest in Android platform. Furthermore, I think I do not have any suggestions of adjustments as it is, in my opinion, has attracted me the most.

2. **GPS with Parking Availability Detection by Mohd Razemi (interest score = 4)**

This project is almost similar with the first project that I chose. The difference is that this one uses user's GPS device to detect availability of parking spot. However, this might cause one problem which is the user's privacy. So, I would like to suggest that before proceeding with this project, it is necessary to do a survey to find out what people think about it. I would say yes to work with this project over the semester.

3. **Digital Archery Target by Suwen Shen (interest score = 3)**

This project has a potential in the sports world (especially archery). I have no suggestions or the time being as the project is clearly explained the needs and the non-needs. My potential contribution for this project is that I can help with the scoring system connected to the sensor board.

4. **Automatic Flat Surface Cleaner by Samuel Asakiewicz (interest score = 2)**

With my experience in robotic, I can help with building the robotic mechanical part of the project and I may also contribute in programming the robot to do certain task even though my programming skills is not that good.

5. **Multi-Purpose Study Lamp by Muhammad Syahir Syhimi (interest score = 1)**

Even though this is my least interest project, it is an easy-to-achieve project with little time needed to finish. Plus, with my skills in building a structure, I contribute to build the study lamp. However, I would like to suggest that a small subwoofer is added in the speaker system to add extra power to the sound quality. This would easily attract more consumers.

Those are five projects that I have interest in. since I chose those five, it obvious that I am willing to work on those projects over the semester.