Koltan Weaks

Senior Design

Dr. Hicks

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Preliminary Proposal – Scheduling

First on our list of priorities to do before our first preliminary proposal due date, which is October 14th, is to have a clear understanding of what we plan on doing and set up a schedule to keep us on track.

The first big deadline on our schedule is late November, which is when our proposal is due. A few of these items on that list include:

* Picking a parking lot counter design
* Ordering prototype material
* Obtaining permission to set up our system on campus
* Researching and building a better understanding on the coding aspect
* Writing the project proposal

These few items are the major part of we want to have accomplished before the end of November. We have a few delegations on work. Thomas, David, and Tyler are researching information and understanding the visual recognition side of our project. Koltan is in charge of building a laser break system for the parking lots as another viable option just in case. Tyler and Thomas are already getting the permission by the campus PD to have our system on campus. By the time our project proposal is due we would like to have a working counter to keep track of cars entering and leaving a parking lot.

Our next major scheduling deadline will be mid-February, where we would like to have an understand and an idea picked on how we would like to have the parking spots on the roads on campus covered in our system. Thomas will also have our server up and running by this date so we can start transmitting our data to a server so Tyler and Koltan can start working on the android application using the information from the data base. We would also love to have a sponsorship by this point, hopefully being able to obtain one over the Christmas break.

By late march we would like our counting system down so we can focus on getting the application up and running and start working on our senior design poster and our presentation. By this time Tyler and Koltan should have enough understanding of android programming to be able to get the application finished. This will give us enough time to clear out any bugs we have in the system and focus on getting everything running as efficiently as we can.

By the beginning of May our team will be completely finished with our application, running and all. We will also have our parking lot and street system up for a few months so we can figure out any bugs or flaws that we can address and correct. This is the deadline to get all little minor things taken care of.

A week before our senior design conference will be our last deadline for this project. By this date we will have everything running and have our project poster all finished up and be ready for our presentation. This gives us a week to do any last preparations without being over stressed.