

Group Number: 22A

Group Advisor: Professor Bigelow

Group Client: Professor Bigelow

Group Members: Hamzah Abeer, Aziz Almarzouqi, Nick Riesberg, Derek Schmitz, Matt Stobb, Brandon Umscheid

After meeting with Professor Bigelow we have decided that we are going to design the charging station to be mounted on the kart.

We also discussed certain prices with him about being able to charge lithium ion batteries. After discussion of the increased cost to be able to charge lithium ion it has been decided to just build the charger to charge the lead acid batteries the kart team already has. We will still keep the lithium ion design and implementation in our design document for any future group to be able to use.

We are still going to charge different voltage levels and everything else for our specifications are the same.

The main focus of this week was to get ready for our presentation. We had our group meeting with Professor George and discussed where we are and gave him a presentation on our project. This is basically the presentation we will be giving to the IRT panel. He gave us some good pointers and recommendations for our presentation which we will implement and work out before our final presentation.

He also invited our group to be a demonstration group during VEISHA this year. He gave us the decision of whether or not we wanted to do it.

We are continuing to implement our testing and implementation.

Our next step is to finalize all parts that will be mounted on our board so we can make final decisions on exactly where we will mount our components on our circuit board.