

Week 3 Team Status

- What are the most significant risks that could jeopardize the success of the project? How are these risks being managed? What contingency plans are ready?

One of the biggest risks is the weight of our robot. The motors we bought might not be able to support too much weight, so our robot needs to be as light as possible. Currently, the heaviest item on our robot is the battery. We are managing this risk by leaving some room in our budget (currently only \$330) to buy lighter battery, if our robot becomes too heavy. Getting a lighter, and therefore, lower amp-hour battery would mean that our robot would not last as long on each run, but this would still be better than our robot not being able to move at all. We are going to continue with the plan as scheduled and should be able to test if the motors are strong enough next week.

- Were any changes made to the existing design of the system (requirements, block diagram, system spec, etc)? Why was this change necessary, what costs does the change incur, and how will these costs be mitigated going forward?

No changes made to design.

- Provide an updated schedule if changes have occurred.

Some parts were late in arrival, but construction shouldn't be delayed.