

## **Capstone I Team 5 Week 6 (2/19 – 2/23)**

**2/26 @ 12:05 PM – 1:04 PM**

**Attendance:** Everyone

### **Updates:**

Garrett:

Finn:

Katie: No updates

Ross:

Savannah:

Kevin:

### **Future Tasks:**

Garrett:

Finn:

Katie: -create general outline for conceptual design

Ross:

Savannah:

Kevin:

### **Discussions/Decisions:**

Discussed different ideas for how the sensors should work and how to compute the position at a certain point. Came up with the idea of a “kill zone” that will be the range of which

the target will be in when the machine shoots. The machine will not shoot if the target is not within that range. Also mentioned double or triple redundancy for speed checking so that we can come up with a more accurate acceleration and position prediction. Setup meeting with the mechanicals engineers to verify deadlines and design aspects.

**2/28 @ 12:01 PM – 12:51 PM**

**Attendance:** Everyone plus mechanical team

**Updates:**

Garrett:

Finn:

Katie: -created general outline for the conceptional design draft

Ross:

Savannah:

Kevin:

**Future Tasks:**

Garrett:

Finn:

Katie: Work on assigned portion of the conceptional design draft

Ross:

Savannah:

Kevin:

## **Discussions/Decisions:**

Discussed our plan with the mechanical team. We also split up the work of the conceptional design draft into four parts and assigned members to each group. The partitions are as follows: Introduction (Katie, Savannah, Finn), Constraints (Katie, Savannah, Finn), System Overview and Block Diagram (Ross, Kevin), and Timeline and Gnatt Chart (Ross). Decided against cameras for the time being.