Week 1:

Design Specification

Work Plan/ Schedule

Week 3

**Add Coding info**

**Looking at Pros and Cons for Drive Suggested Solutions**

* **H-Drive:** Pros: Strafing ability (ideal for lined up objects). Stronger forwards power. Cons: Tricky implementation due to center of mass calculations. Would require more motors which would not always be in regular use. We would need more omni wheels.
* **Holonomic Drive:** Pros: Strafing ability. Can be created with current supplies. Good maneuvering. Cons: Tricky Implementation due to angling of wheels. Would require sensors for distance programming. Wheels would be prone to slipping. Not as strong.
* **Low Chassis:** Pros: Easier to implement. Gives you more space to build. Cons: Would need more wheels and perhaps more than 2 motors. May not go over the conduits.
* **High Chassis:** Pros: Can go over the bump with ease. Will at most require four wheels although more are possible. Cons: Loses some build space. More materials are required to elevate chassis.

Finance/ Budget →

* After week 3 somewhere.
* When “prototype was supposed to be stated ish”

Week 4:

Start Prototype info

Add sensor info for product

Add motor info

Week 5:

Modifications based on tests

Week 6:

Final changes to prototype