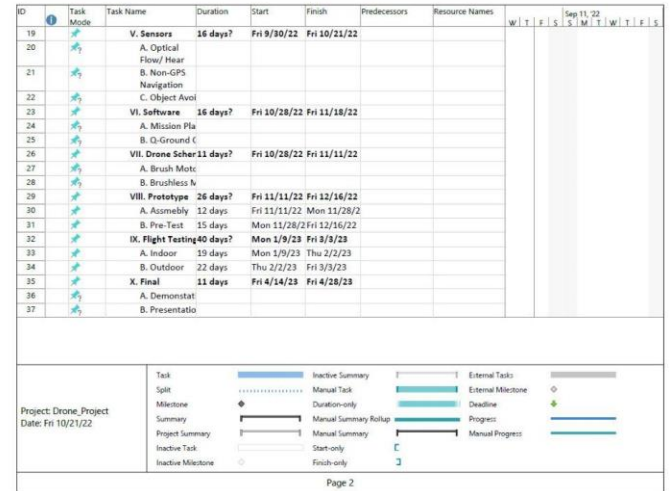
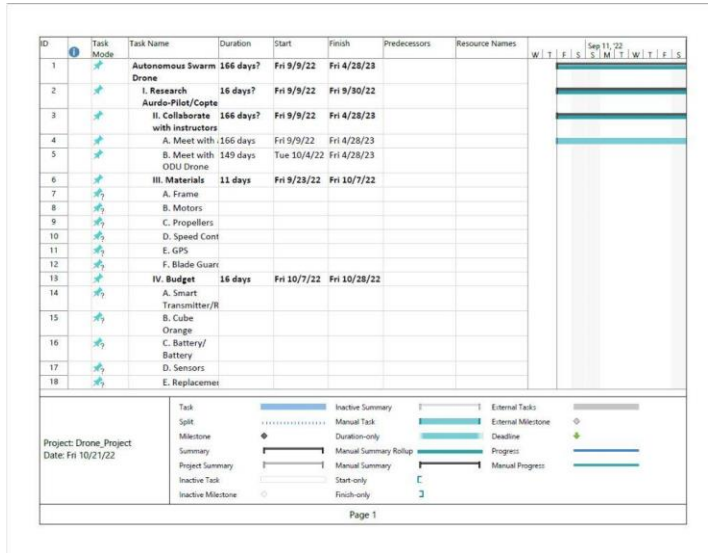


- 1) During our group meeting this week, we came to the conclusion that our budget proposal won't be finalized until the spring. Therefore, our main focus as of right now will be actually building the drone, and getting a better understanding of the different components that will make it work autonomously. Additionally, we assigned roles and responsibilities to our teammates this week for our project scope and midterm presentation that will be held next week. Furthermore, some of our teammates were able to attend the drone club this week, and we were also able to receive additional parts and information for the construction of our drone.

- 2) Tasks to be accomplished:
 - Figure out what motors we will be using:
 - Maximum thrust the propellers can provide and what amount of power they will need.
 - Understand the functionality of the various components of the drone.
 - Decide on the frame weight, what payload we will put on it, the material properties.
 - Learn the functionality of speed controllers.
 - Motors with dc/ac
 - Brush motors (+ and - brush motors) or brushless (we will use brushless motors) anywhere from 3 to 4 wires, several windings, multiple wires, match with wires coming from the speed controllers
 - Motor to speed controllers to signals (current/voltage) to pixhawk
 - Signals : square wave

- 3) This week was our first in-person meeting with our advisor. During our meeting, we discussed our budget proposal, and our goals for the drone this semester. As well as, what our team should be focusing on like understanding the motors and signals. Rob also joined the weekly advisor meeting and he gave us more insight on what parts will be available to us in the lab since we can not do the budget proposal until the spring.

4) Gantt Chart



5) The team has spent 10 hours each working on the project/ meetings/ research.

6) Created by: Anzam Sheak & Logan Johnson