This week Lab Questions to be answered to TA (Oct. 19-22)

12/1/20 12/10/20

0%

Have a Running Rov

Everyone

1. Provide a Gantt Chart to explain the timeline of your project and how tasks are assigned within the team. (1 pt)

Autonomous Hiking Rover SIMPLE GANTT CHART by Vertex42.com https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html Tue, 10/20/2020 Project Start: Oct 19, 2020 Oct 26, 2020 Nov 2, 2020 Nov 16, 2020 Nov 23, 2020 Nov 9, 2020 Nov 30, 2020 Dec 7, Display Week: 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 ASSIGNED TASK **PROGRESS** START END **Fall Quarter Choosing Materials** Everyone 70% 10/20/20 10/23/20 Applying for Fundir 0% 10/20/20 11/9/20 Everyone **Testing Sensors** 0% 10/20/20 11/2/20 James + BK 10/20/20 10/30/20 **Testing Motors** Jeffrey 0% 10/20/20 10/30/20 Audio User Interfac Johnny 0% **Building Communic** Tobe 0% 10/20/20 10/30/20 10/31/20 11/13/20 Combining Motors Tobe + Jeffrey 0% 11/3/20 11/17/20 Implementing Obst James + BK 0% 11/18/20 11/30/20 **Building Chassis** James + Johnny 0%

2. What are some challenges you have encountered so far? (1 pt)

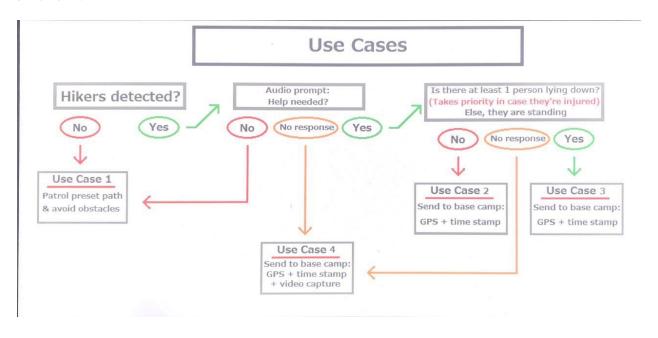
Not having all the materials we needed to get started for everyone, especially since everyone is spread out.

Finalizing the exact use cases our rover will be able to address

- 3. If you didn't decide on specific hardware or software last week, then list out hardware and software you are planning to use and why. If you chose your hardware and software, then provide a detailed implementation of each one respectively. (details are critical) (2 pt)
 - Software:
 - o Python
 - Hardware:
 - Material List
 - Resource Links:
 - o Resource/Research Links

4. Provide a diagram of your software and hardware system (1 pts)

Software:



Hardware:

