

Meeting with Dr. Clark

November 14, 2014

Pointers on presentation slides

Overview slide

- May not be necessary
- Add images to it
- Bold the new things

Objective

- Picture of scope has no scale, cannot tell what size it is
 - Maybe have a photo of someone using it
- Text is redundant

Chassis Design

- Quantify the statements we make
 - Specs/data
 - Need to be able to back up statements
 - Can measure the surface area to get some data of tread vs wheel

Top Level Design

- Add how much the battery will weigh
- Instead of using the blocks with the labels in them use pictures
 - Use screen and gamepad user interface

User Interface

- State why we chose that specific resolution
 - Natural resolution of the camera
- Maybe add labels of the buttons on the joysticks
- Put more info in about the screen
- Can either have a lot of text and not say a lot or have little text and say a lot
 - Not both

Rover

- Help them get the big picture quickly by color coding and using images
- Talk about motor specing
- Motor driver requirements

PP

- Size, power, weight, how long it will run
- Maybe add a picture of the cross section of a gopher tortoise hole
- Add potential problems

- Add something about the video through the plastic
 - Maybe a picture or video
- Add specifics

Challenges

- Needs an image
- Mud, slipping, glare, repairability
 - Add photos for some of them

Budget

- Bar chart with each component
- List motor items
- Burn rate (time to spend the money)
- What we still expect to buy
- Show numbers
- Percent of the budget we've spent

Gant Chart

- Show chronologically how we plan on solving the problems
- On a good schedule for the first semester
- Have pop ups that coincide with what is being talked about

End

- Highlight the big stuff
- Add a video of it running
- **SHOW OFF WHAT WE'VE DONE SO FAR**