TODO:

- You should create an API server.
- It should implement CRUD (**create, read, update, delete**) operations on a related set of data stored in a database.
- You should be able to deploy the project to the cloud using CI/CD.
    - Pipeline
    - continuous integration and continuous deployment
        - There will always be a stable version and the new version must pass all tests and successfully build
- There should be a dozen or more endpoints.
- Each endpoint as well as all other functions should have unit tests.
- Each endpoint should be thoroughly documented for Swagger.

Meeting Notes

Endpoints

- Video Streaming Video
- Sensory data database
- Users (view/send request permissions)
- Rover (database of rovers and their collected information)
- Telemetry display

Project Final Look

- Rover needs to move to a specified location autonomously
- Send packages to the server as a continuous update as well as a request for its next instruction
- Should have a live video feed
- Telemetry Display
- A user login system
- Live update of rover position

Timeline

Design Documents

Diagrams

Endpoints

Product Description
[Rocket specification sheet: (friendsofamateurrocketry.org)]

Work Division (for 10/8)

- Semi
    - Initial commit for README
    - Rough Timeline
- George
    - Rover End-to-End Diagram
    - Project Components Diagram
- Christy
    - Document meeting notes
    - Research (Locomotion? API)
- Nishma
    - Brainstorm more endpoints + uses
    - Research (Streaming?) PDF