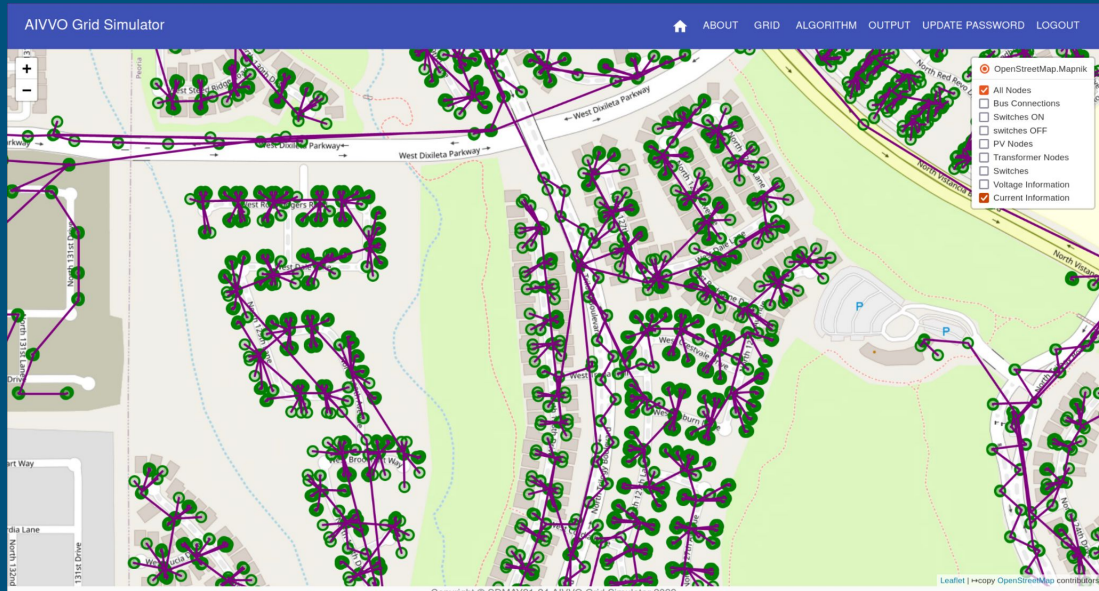
AI-VVO sdmay22-36 Weekly Update #11

4/7/2022 - 4/14/2022

Front-end (This Week)

- Implemented current information as layerControl component
- Added more documentation to frontend files



Front-end (Next Week)

- Finish up documentation on frontend
- Implement tutorial on how to run application for next team
- Implement video recording for code base walkthrough
- Create final poster, report and prepare for presentation

Back-end (This Week)

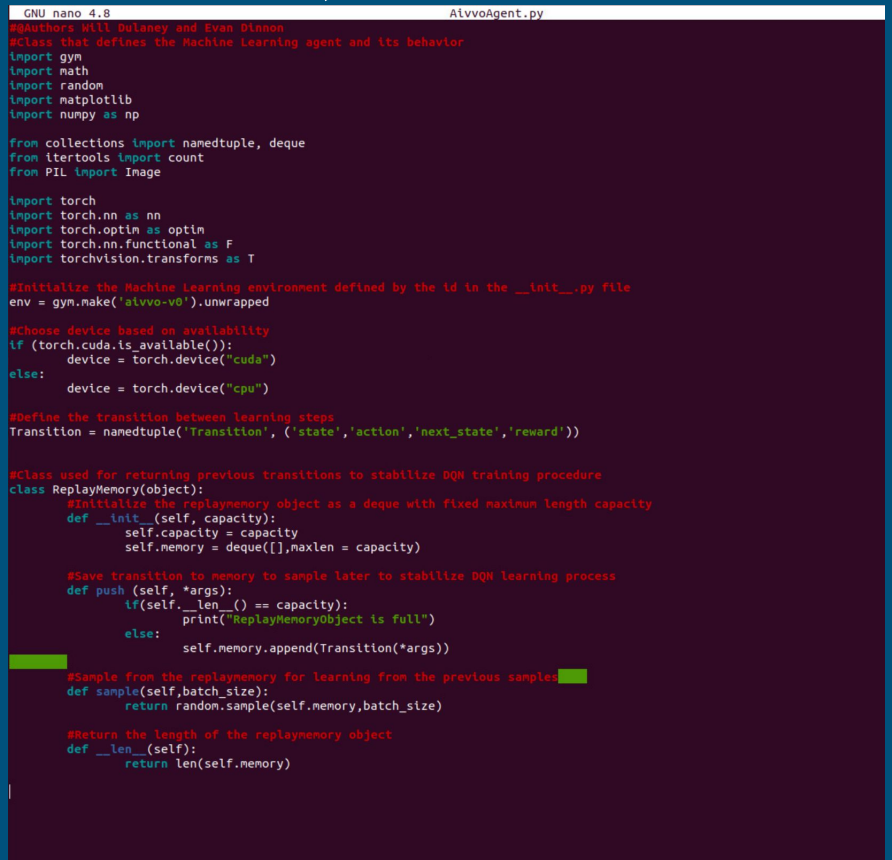
- Added more unit tests to help make sure django functions are working correctly
- Worked towards updating documentation so that next team has less trouble understanding the project.

Back-end (Next Week)

- Finish up documentation on backend
- Create final poster, report and prepare for presentation

Machine Learning (This Week)

- Began writing the RL Agent class used to step through the environment class.
- Started on the deep Q learning algorithm following pytorch tutorials
- Was able to create the environment from class written last week



Machine Learning (Next Week)

- Finish reinforcement learning algorithm
- Write final report
- Create final poster
- Prepare for final presentation