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## Project Update

### Current Plan:

My current plan is to implement the D\* Lite search algorithm in C++. In addition to my implementation I plan to write a suite of tests to run my algorithm on. Initially I was unsure if I would be working in Python or C++ and whether I was going to create a suite of tests or run on real world data.

### Progress:

Currently, little presentable progress has been made because most of my time so far has gone into research. I can't tell if I am overthinking the algorithm or if it is a very complicated algorithm that will take a lot of time to understand. **I will be going in to office hours to further discuss the issue.** I have added the graph code from class because as of right now, I plan to use that code as my base for the D\* Lite algorithm. I will also need to add more to this graph implementation to set up the graph for a grid-like structure to have the algorithm find the best path through. I have also set up a file for my tests when I implement them in the future.