

Project Timeline

Team Wish Upon A*

Anton Goretsky, Samantha Ngo, Daniel Rozenzaf

Start Date: 4/20/2020

*DISCLAIMER: THINGS ARE UGLIER BUT COOLER THAN THEY MAY APPEAR

Algorithms and data tasks take priority over design. We will be implementing the project in the terminal, unless time allows for something nicer.

DEADLINE 1 - Tasks to be completed by 04/27

- Clean up dataset formatting and plan out data structures
- Research on A* (Hansen + more)
- Explore Google API to get walking/subway times
- Build a partial graph for implementation

DEADLINE 2 - Tasks to be completed by 05/04

- Complete graph
- Plan weight determinations from timetable
- Apply Google API to get times for pedestrian routes and transfers
- Develop A* implementation framework for subway routing

DEADLINE 3 - Tasks to be completed by 05/07

- Explore heuristics to use with the A* implementation

DEADLINE 4 - Tasks to be completed by 05/10

- Implement fully functioning A* tailored to our data.
- Import MTA schedules

DEADLINE 5 - Tasks to be completed by 05/13

- Testing
- Start on presentation/video and paper writing
- Begin experimentation with the varying heuristics.

DEADLINE 6 - Tasks to be completed by 05/15

- More testing
- More work on presentation/video
- More paper writing
- Assuming project is functioning, explore beautification (in terminal or out)

DEADLINE 7 - Tasks to be completed by 05/17

- Even more testing
- Even more work on presentation/video
- Even more paper writing

DEADLINE 8 - Tasks to be completed by 05/18

- Complete testing
- Complete paper and presentation/video
- Practice presentation, if applicable
- Apply beautification if possible (in terminal or out)

DEADLINE 9 - Tasks to be completed by 05/19

- SUBMIT AND PRESENT

End Date: 05/19/2020