

CS 472 Artificial Intelligence

Weekly Project Team

Meeting Minutes

Team #: 2 Project Title: Urban Evac

Week #: 7 Date: March 17, 2017

Team Members Present: Bradley Griffiee, Rebekah Warnock, Giovanni Gaito, Grant Doohen, Shaun Cross, Nasi Robinson

Team Members Absent: None

Major topics discussed:

What has been accomplished?

- Database is fully functional with REST API in place to accept inserts, queries, and modifications
- Prototype application built for iPhone that displays the coordinates of the phone running the app
- Now working with OpenStreetMaps to migrate our existing GoogleAPI calls to similar functionality.

Additionally:

- Planned a backup plan of moving to a MySQL database hosted on Brad's personal computer with DNS and everything hooked up in the case we run into data limits. That will be developed on the side adjacent to the current functionality
- Next step with the phone application is to have it start polling regularly to keep "Users" in the database up to date with position information.

Action Items:

- Continue development on phone application
- Populate the database with sample data to start running route algorithms against
- Migrate all current admin page functionality to OpenStreetMap to get around Google API query limits
- (*Low Priority*) Build backup database on local machine

Open issues:

The only open issues currently are the ones we are addressing in our action items. Last week we had the discussion about how our implementation is AI and now that we are all on the same page about using the dynamic routing algorithms with simple environment learning (e.g. where powerlines fall) we are making good progress.