**CS 472 Artificial Intelligence**

**Weekly Project Team**

**Class Presentation Report**

Team #: 2 Project Title: Urban Evacuation

Week #: 1 Date: 1/20/17

Team Members Present: Shaun Cross, Grant Doohen, Giovanni Gaito, Bradley Griffee, and Rebekah Warnock

Team Members Absent: Nasi Robinson

Summary of presentation:

AI will be used to route people via cellular device out of the city in ways that will prevent traffic jams/delays as well as taking into account changes in the circumstances prompting the evacuation. For example, a hurricane weakening or its projected location of touchdown would alter the evacuation plan.

For the scope of the project, the group aims to focus on natural disasters, primarily hurricanes, as there is almost always time for prediction and evacuation with hurricanes. The group will be assuming that everyone can be contacted via cellular device (similar to an Amber Alert) either directly or indirectly since someone around them will, in all likelihood, have a cell phone. We will be considering Warsaw, Dublin, and Baltimore for data and assuming that general statistics/information about evacuation tendencies (i.e. 80% of people will evacuate) will apply to these specific cities.

Points raised:

Dealing with an entire large city will probably be unattainable, so a smaller section of the city may have to be used instead.

Followup:

N/A