

Checkpoint Goal from Implementation Plan:

Our goal for the end of this checkpoint is to have the framework for the visualization of the web app implemented. Analyze the data from the social networks and work on incorporating this data into our model. Numerical (non-visual) output should be produced.

Summary of Accomplishments:

Facebook data was replaced with dummy data from a more useful network. Basic simulation on Facebook data is working. We're able to input the three probability parameters: uniqueness, diversity, and frequency of resharing. After inputting these and clicking "run simulation," clicking a node shows how a meme is able to spread throughout the network. Both visual and numerical feedback is provided. There are a few bugs in how the nodes are counted and in the coloring of the nodes, but this should be fixed by the next checkpoint. Though this is just implemented for the Facebook network now, it can be easily extrapolated to the Twitter data. Everything's live on "<http://social-simulator.appspot.com/>" which is the best way to access the simulations and the code repository.