Goal

- Provide quick and reliable updates about the crowdedness of popular locations
- Design a user-friendly mobile application where users can view accurate data pertaining to these locations

Motivations and Objectives

- Motivations
  - Popular locations on campus often crowdedness can be a major deterrent towards visitors' trips there
- Objectives
  - Create an efficient method by which people can view crowdedness data about these locations
  - Provide insightful data analysis options to users
  - Accumulate accurate data over the course of the semester to display on our mobile application
  - Use visualization tools and analysis to provide accurate data and suggestions on when to visit sites of interest

Research Challenges

- Collecting data on a network with encrypted traffic
- Using data visualization tools
- Normalizing data to find correlations between number of devices and number of people
- Analyzing our accumulated data to generate specific trends

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References
