Mobile and Ubiquitous Computing
CS 525M: NavigAid: Decreasing GPS dependence with Know My Way and Know My Place

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The problem we are trying to solve

- Many people depend on GPS devices to navigate routes
- Without the aid of a GPS, we forget which exit or turn to take, even in a familiar area
- We aim to decrease dependency on GPS devices
- Know My Way – Help users memorize their periodically navigated routes
- Know My Place – Help users familiarize themselves with the layout of their city or town of residence
What we have done so far

- Conducted an informal survey to friends
  - We had positive responses towards our idea
- Constructed a pre-survey with Google Forms for a wider audience to establish need and priorities
- Constructed a post-survey for analysis and evaluation
- Acquired the forms to submit our surveys to the IRB
- Familiarized ourselves with PhoneGap and the Location service API
What we plan to do to finish the project

- Get our surveys approved by the IRB
- Conduct the pre-survey, during which we will prepare development in any way we can
- Analyze the pre-survey results
- Develop the application, prioritizing accordingly
- Conduct the post-survey and evaluation
- Analyze and write about our results