Problem

- Develop an application for indoor navigation to run on Android mobile platform.
- To make use of other technologies in the absence of GPS.
- To improve accuracy of existing solutions.
- To allow for the potential of adding more buildings.

Solution

- Combines Wi-Fi and Bluetooth signals to create ‘fingerprints’
- Displays your current location on building maps
- Helps you navigate by displaying updated routes based on location
- Corrects itself if you get off route
- Handles multi-floor buildings

Team: Jeremy Medford, Steve Ray, Evgueni Ratchev, Andrew Retelle, Bharti Agrawal
Faculty Advisor: Ed Katz