Allen Nguyen
Port of Japanese Friendship Garden Android app
Haiku Hunt into iOS

Update for July 30th
Week 5

Prime internship in Osaka, Japan

In collaboration with BPOC, PRIME, NICT, ISID, & Japanese Friendship Garden
Project Overview

• Deployment of iBeacons on iOS platform
  • Two main objectives
    • 1.) Port Android Haiku Hunt application written by Jesus Rios of PRIME 2013 onto iOS
    • 2.) Map user location using iBeacons
      • Possible future uses:
        • Delivering data to users when they reach a certain location
        • Monitoring user location
Progress for This Week

- Implemented pushing location updates with BPOC server
Plans for Next Week

- Collaborate with Osaka University on integrating the projects
Project Successes

- Porting Haiku Hunt app onto iOS
- Pushing location data to server
Project Complications

- Accuracy & stability of iBeacon signal not as good as needed for precision of distance measurement
- Have applied statistical approaches to reducing noise on the signal strength
Cultural Appreciation

Tenjin Matsuri
Acknowledgements

- Dr. Jason Haga & Vivian Haga
- Dr. Shinji Shimojo
- Tomoaki Takata
- PRIME - Dr. Gabriele Wienhausen (PI), Teri Simas, Jim Galvin, Madhvi Acharya
- PRIME alumna Haley Hunter-Zinck
- NICT
- ISID
- BPOC
- Japanese Friendship Garden
- National Science Foundation