Allen Nguyen

Port of Japanese Friendship Garden Android app
Haiku Hunt into iOS

Update for July 23rd
Week 4

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

- Was referred by Nishio-sensei to two of his students who had done a similar location mapping project, albeit using wi-fi instead of BLE.
  - Was suggested by Nishio-sensei to use some of the methods employed in the wi-fi location mapping to increase the accuracy of BLE location mapping; his students should be able to give access to the programs they used (particle filtering, mixed Gaussian distributions, radiation maps)
  - No reply yet from the students

- Contacted Shimojo-sensei’s students about utilizing their peer-to-peer network in order to push data to and from
  - No reply yet either
Plans for Next Week

- Once given access to the programs of the wi-fi location mapping, apply them to the BLE project to gauge any significant increase in accuracy
- Get the pushing data implemented
Cultural Appreciation

Kinkaku-ji – Gold Temple
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