Meeting 1/16

Justin, Jordan, Nick

* Justin received a notice from our beacon manufacturer that they’ll be closed February 7th-24th for the Chinese new year.
* Determined that none of our Estimotes are working any more. They show up sporadically when scanning, but won’t maintain a connection. We’ll have to turn them in to Dr. Bulut.
* *Dr. Bulut organized a meeting with VCUPD for 1/18*.We planned a presentation for VCUPD on Thursday. Made a small number of slides together. The outline we made can be found with the slides on google drive.
  + As a group, we decided to approach meeting as an information gathering exercise, not necessarily a client meeting. We aren’t confident on what we can deliver in the available time we have left. Will need to discuss further.  
    So, purpose it to collect opinions and suggestions.
* Justin will try to meet with Dr. Bulut before VCU PD meeting.

*In class, following meeting, Dr. Dahlberg outlined timeline for remainder of semester:*

*April 2, 12pm: Posters due*

*April 9, 12pm: Abstracts due*

*April 25: Final project documentation, Final code*

*Expo: April 26 & 27*

Meeting 1/17

Justin, Dr. Bulut

* Picked up Raspberry Pi’s
* Justin mentioned the timeline outlined by Dr. Dahlberg and expressed team’s concerns about producing a deployable product by end of the semester.  
  Dr. Bulut said that may not be the goal. Depending on reaction of VCUPD, this may take several different directions, including being handed off to grad students or a future team.
* Dr. Bulut clarified that his intention is still to produce a product for VCUPD. Although we may not be making deliverable promises at the meeting, the focus is a product for them.  
  *Justin updated team with this info*.

Meeting 1/18

Justin, Nick, Dr. Bulut, VCU PD Chief Venuti, VCU PD Director of Emergency Management.

*Jordan was unable to attend due to illness.*

* Meeting went well, although no big revelations.
* Police Chief basically concluded that we (Dr. Bulut) should come back at the end of the semester with results from our beta test.  
  They will be interested in user satisfaction and effectiveness.
* Police Chief expressed that privacy is a big concern, both internally and in advertising the product to users.
* Another concern was the possibility that students may follow their tagged items into harm’s way, in the case that property was stolen. The department may then be liable.  
  It would be good to consider way to avoid this.
* After the meeting, Dr. Bulut said he wants to pursue the beta test soon. We will meet to discuss next steps.
* Justin will work on setting up the Raspberry Pi’s
  + Dr. Bulut raised idea of powering the Pi’s with a battery pack, such as used for iPhones, so we don’t need to plug them in.
* Dr. Bulut also said he’d have to decide whether he needs to contact the VCU IRB regarding the beta test.

Meeting 1/23

Justin, Jordan, Nick

* Picked our weekly meeting time (Tuesdays at 4pm)
* What needs to be finished before Beta test:
  + Setup Pis
  + Order beacons and additional Pis
  + Do we need to consult Institutional Review Board (IRB)?
  + Need to plan data collect, including what we want, and to pick our users.
  + Focus on minimum product for deployment:
    - User-visible features (ex. Security can come later)
    - New thought: How to distribute beacons and have user add beacons?
* With Dr. Bulut:
  + Set up a timeline of deliverables
  + Pick minimum user stories and admin tasks
* Nick and Jordan will make lists of to do items for their apps that need to be done for the beta.
* Justin: Decide whether a free-firebase plan will be sufficient? Make sure that firebase is set up correctly? Also, can we post to the app store for free, or does it cost money?

Meeting 1/25

Dr. Bulut, Justin, Jordan, Nick

* Don’t need to post to Apple app store. Dr. Bulut can distribute it through his education plan.
* Our beacon supplies notified us they’ll be closed February 7th-24th.
* We have $951.65 remaining in our budget.
* The estimotes have stopped working - low battery.
* For Dr. Bulut, Justin researched whether powering Pis off of a USB battery pack is feasible. It is not. Quick math says wouldn’t last even 24 hours.
* Plan:
  + Dr. Bulut says we will start small, us and a few friends. So, no need to get IRB approval yet.  
    Similarly, we will wait until after our supplies reopens before ordering anymore beacons.
* Justin: Think we can keep firebase within the free quota. Biggest issue right now is number of Function calls and the number of “simultaneous connections”.