

Thursday, November 6, 2014

### **Progress Report:**

We met together as a team and discussed our project expectations. We were able to produce the team contract.

This week we decided on the topic of our project. We were able to agree on our project idea after spending a lot of time discussing the other options. This caused our meeting to be longer than planned.

We made our project pitch that discussed the context and purpose of our application. We also came up with our concept model as well as design, implementation, and development risks and some possible solutions. We presented during class on Monday and listened to feedback that other teams got during lecture on Wednesday.

### **Agenda:**

- What items our application can offer
  - Don't worry about that for the MVP
  - Just implement sign up, listings of things to buy and sell, matching and taking off the marketplace
- Fake offers and/or offer spamming
  - assume in MVP users are genuine
- User verification (MIT Certificates?)
  - Prepare to handle different types of MIT email addresses such as @csail.mit.edu, etc.
  - Use libraries that do email verification
  - verify that it's a real email
  - MIT certificates possible only if script and node.js is possible,
    - otherwise we would have to generate a fake certificate and sign it, but then the browser would ask us every time if we want to trust the site
  - **Decision: We will use MIT email addresses**
- Cannot mark item to be sold to 2 people at the same time
- Go over our presentation purposes/concepts:
  - Purpose
    - I use the Grand Exchange to \_\_\_\_ <- should be unique (don't use any other things to do it)
    - Include item-centric not offer-centric
    - Centralization of buy/sell
    - take burden of action off of people, facilitate time burden of transactions
  - Concepts
- Check data model
  - Item - can only buy/sell one for now
  - Transaction/matching - when sell and buy offers match
  - Reputation - not necessary for MVP
- Matches - automatically happen or have to have user's ok
- API key
  - Register, apply for a key

### **Outcomes/Decisions:**

Purpose:

- Provide an item-centric rather than offer-centric online marketplace

- Centralization of buy and sell
- Takes the burden off of buyers and sellers by facilitating the time burden of transactions

User Verification:

- MIT certificates seemed more difficult to use, so we will use a library to do email verifications, and use MIT email addresses

MVP:

- We will have one posting per item
- Assume that users are genuine and will not sell poor-quality items, make fake offers, spam, etc
- We will not include user reputations for the MVP
- Users may only buy or sell one item at a time (you may not request to buy multiple in a single bid)