CSE 210 Group #15

Requirements Elicitation

**Part 1 :**

1. **Tool : Google Doc Questionnaire.**

1. How much time did you expect to spend on your search? How much was it really?

2. What do you think about the current rent pricing system? What changes would you like to see?

3. What problems did you encounter in the housing platforms you used (Facebook, Wechat, Zillow, Apartment.com)?

4. Were you happy with the responses you got from leasing offices or potential roommates? Would you have liked something different?

5. If you tried finding potential roommates, what were the issues with getting responses & communication?

6. Was the apartment in good condition when you moved in ? If not, why not?

7. Were there any problems that arose over time during your stay at your current place and were not resolved quickly?

8. Have you, or someone you know, experienced scam issues in this process, could you talk about it?

9. Before your next search, which problem would you like to see resolved most urgently?

10. Is there any other important aspect you would have liked to improve in your housing search?

11. Were there any preferences you wanted, but could not indicate in the search system?

12. Could you talk about some other of the problems you may have encountered during your search? (e.g. distance from work, etc.)

1. **Requirements**
2. Lower wait time
3. Lower rent
4. Transparent and clear pricing
5. Up to date prices
6. Remove Scammers
7. Bar Scammers from reaching out to you
8. Remove targeted ads
9. Filter Search + preferences
10. Verify sellers
11. Get rid of false advertising
12. Include or state all the fees. i.e utilities.
13. If the leasing office has requirements, they should be stated clearly.
14. Get to know future roommates before signing the contract.
15. Know roommate habits
16. Penalize people who suddenly change their minds.
17. See apartment before signing lease.
18. Respond to noisy neighbors.
19. Be honest about prior damage.
20. Tutorial on how to search for housing (what tools to use, how to reach out to people, what is the process normally like, maybe targeted for first-timers looking for apartments / international students)
21. Fix wrong information
22. Neighborhood recommendations
23. Network with other users
24. Commute information
25. Emergency response
26. Bus location
27. More detailed descriptions. So, users don't have to do further research.
28. Explaining how leases work. What to do when the lease has typos.
29. Finer details of lease in the listing.
30. Get a lawyer to review a lease. Some sort of lease review.
31. Comparing prices, amenities.
32. Opportunity to visit in person. Check out the locality
33. Prefer phone call to contact
34. Match with people who are already staying at a place or want to.
35. Video call for all people who are interested to show the house if not able to visit in person.
36. Translate

**Part 2 : Features**

* Prioritize people waiting too long.
* See what residents are paying (current and previous over the years). Users will input their rent.
* Tool to negotiate prices.
* A review/ranking system for both the landlord and the tenant
* Authentication of landlords and property pictures
* Protection of personal information - Don't track activity - Require consent to share information.
* Roommate searching application + personal profile + group creation (the owner creates a group, other people apply and he decides)
* Show number of matches and rejections.
* Video tour for the property
* Tutorial
* Show the comparison between advertised and payed in a similar scenario
* Send a request to the group organizer. Then they approve.
* Show number of groups joined and left vs number of times moved.
* Filter housing options by commute time to a particular set of
* Google maps integration. ( You are here. )
* Bus / subway information schedules, stops, fares

**Part 3 : Feature specification questions (defined here) + Requirement specification questions (defined in Part 1 A)**

* Prioritize people waiting too long.
  + What are the main variables that define priority?
  + How to define priority between applicants?
* See what residents are paying (current and previous over the years). Users will input their rent.
  + What would happen if you just got into housing, are you forced to type in your rent?
  + If you have 2 or more experiences renting housing, is there any consequence if you don’t input your rent?
* Tool to negotiate prices.
  + Would you like to have a FAIR price point for both the parties? (based on rental price inputs from previous tenants, and similar apartments in the neighborhood?)
* A review system for both the landlord and the tenant
  + Would you like to sort the comments temporally?
  + Would you like to sort comments based on good/bad?
  + Should we have a single variable for the ranking? (like Uber) or multivariable (response rate, overall ranking, has scammed before, etc)
* Authentication of landlords and property pictures
  + How often should we test authentication?
* Protection of personal information - Don't track activity - Require consent to share information.
  + What exact activities that you do not expect us to track?
* Roommate searching application + personal profile + group creation (the owner creates a group, other people apply and he decides)
  + What variables are the most important for you to consider when finding potential roommates (food constraints, smoker, loud, sleep time, hobbies, habits, gender or identity)
* Video tour for the property
  + What tool to use for video ? (Zoom, facetime, etc)
  + If pre-recorded, what kind of details would you like to see on the tour?
* Tutorial
  + What kind of instructions would you like to know or focus more on?
* Send a request to the group organizer. Then they approve.
  + Would you feel uncomfortable with receiving too many requests?
  + What constraints do you think might be added to filter the requests?