Low-fi Prototyping

Anjini K., Ellen R., Vrinda V., Yuguan X.

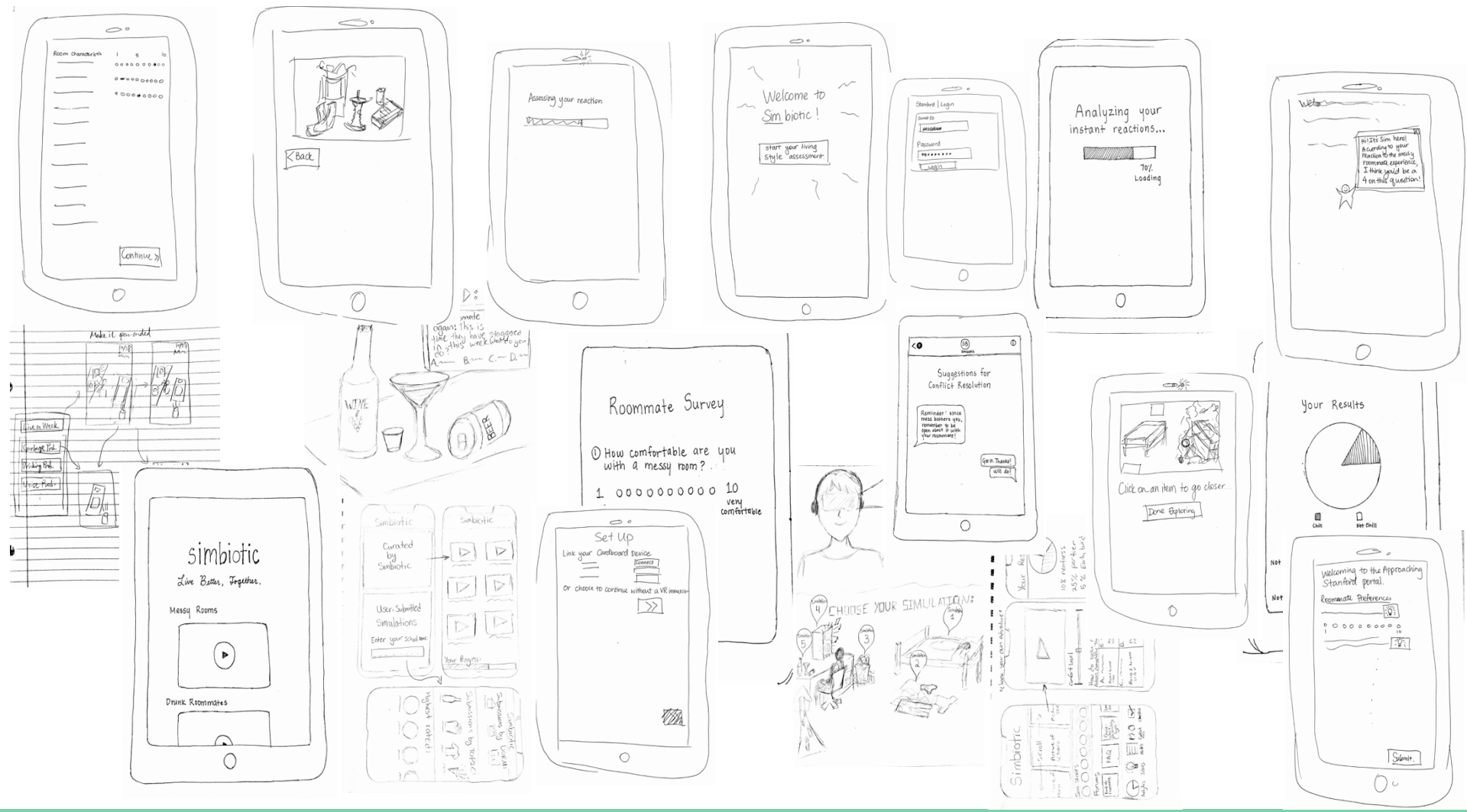
Our Mission & Value

Problem: Lack of knowledge on living preferences can lead to roommate conflicts

Our Solution: Help people understand their preferences **before** they start sharing their living spaces, through simulation of various scenarios

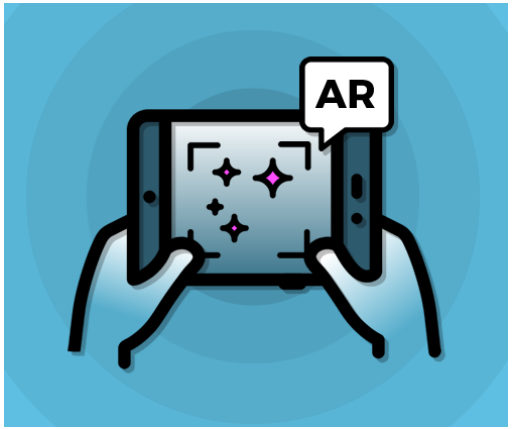
“Live better, together”

Simbiotic

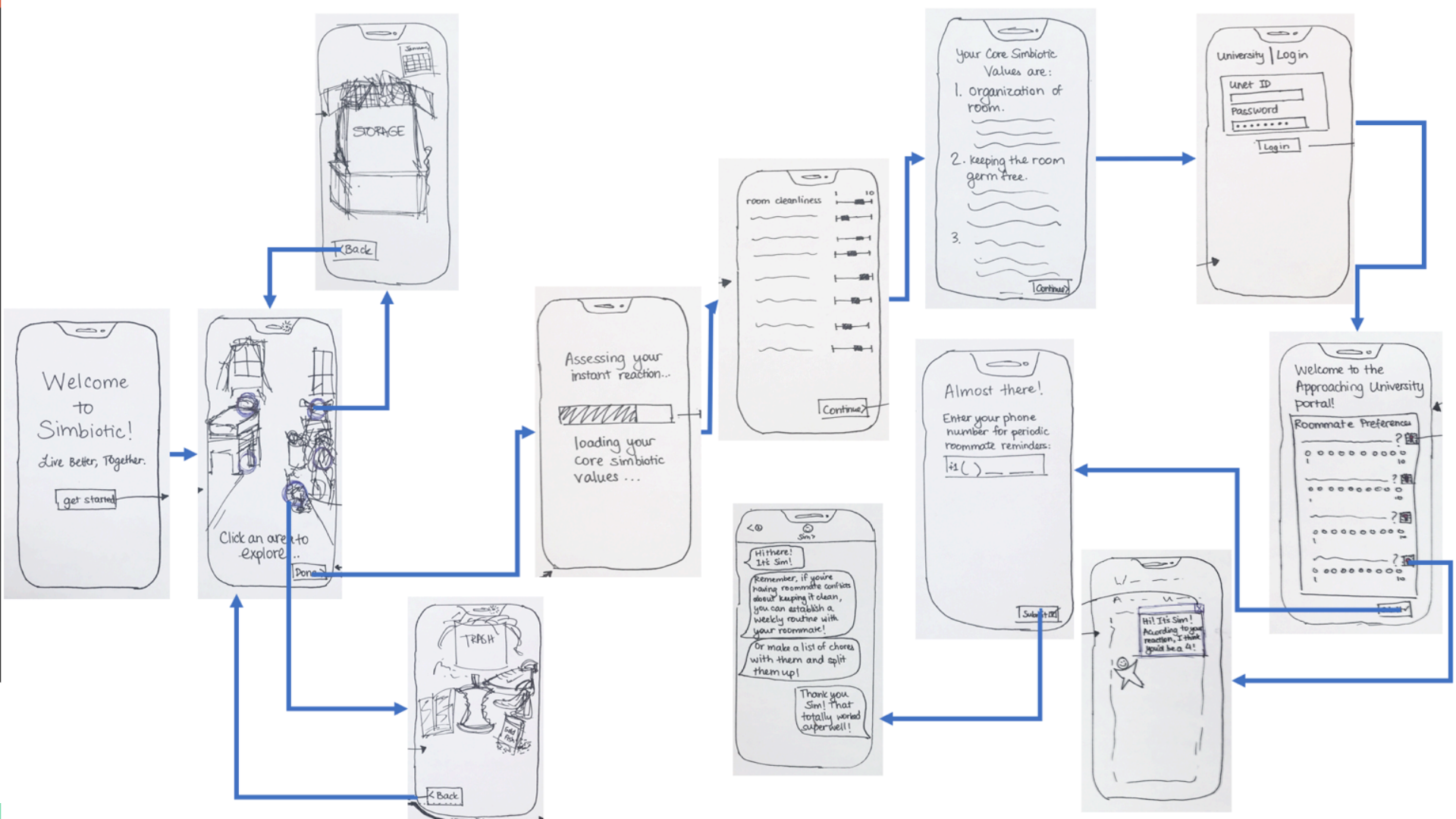

Room characteristic
Continue
Back
Assessing your reaction
Welcome to Sim biotic!
start your living style assessment
Stanford | Login
Password
Login
Analyzing your instant reactions...
70% Loading
Hi! It's Sim here! According to your reaction to the messy roommate experience, I think you'd be a 4 on this question!
Make it pen-ended
Live a Week
Garbage Pub.
Drinking Pub.
Noise Pub.
WINE
BEER
Roommate Survey
① How comfortable are you with a messy room?
1 0000000000 10
very comfortable
Suggestions for Conflict Resolution
Reminder! since mess bothers you, remember to be open about it with your roommate!
Go it. Thanks!
Will do!
Click on an item to go closer...
Done Exploring
Your Results
Chill
Not Chill
Not
Not
simbiotic
Live Better, Together.
Messy Rooms
Drunk Roommates
Simbiotic
Curated by Simbiotic
User-Submitted Simulations
Enter your School Name
Your Progress:
Highest rated:
Submissions by TOPIC:
Submissions by DORM:
Set Up
Link your Cardboard Device
Connect
Or choose to continue without a VR immersion
CHOOSE YOUR SIMULATION:
Simbiotic
Welcoming to the Approaching Stanford portal.
Roommate Preferences
Submit.

OUR CHOICE OF INTERFACE

An Augmented Reality (AR) based interface

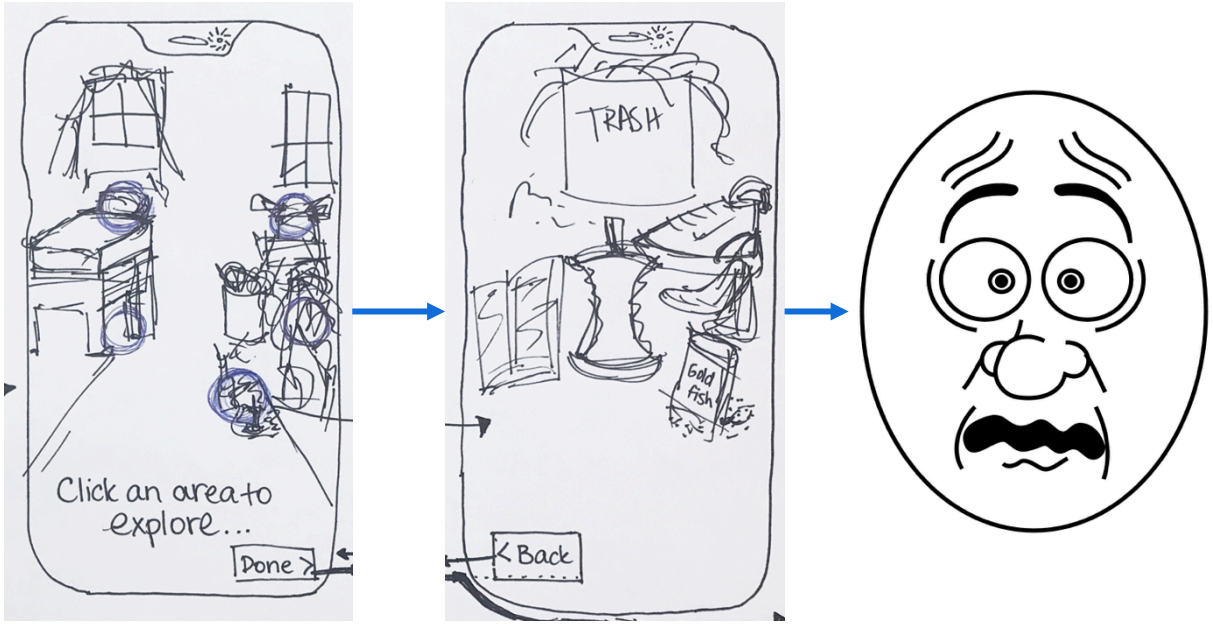


Engaging & Realistic


Welcome to Simbiotic!
Live Better, Together.
get started
Click an area to explore...
Done
STORAGE
Back
TRASH
Back
Assessing your instant reaction...
loading your core simbiotic values...
room cleanliness
Continue
Your Core Simbiotic Values are:
1. organization of room.
2. keeping the room germ free.
3.
Continue
University | Login
Unet ID
Password
Login
Welcome to the Approaching University portal!
Roommate Preferences
Almost there!
Enter your phone number for periodic roommate reminders:
Submit
Hi there! It's Sim!
Remember, if you're having roommate conflicts about keeping it clean, you can establish a weekly routine with your roommate!
Or make a list of chores with them and split them up!
Thank you Sim! That totally worked superwell!
Hi! It's Sim! According to your reaction, I think you'll be a 4!

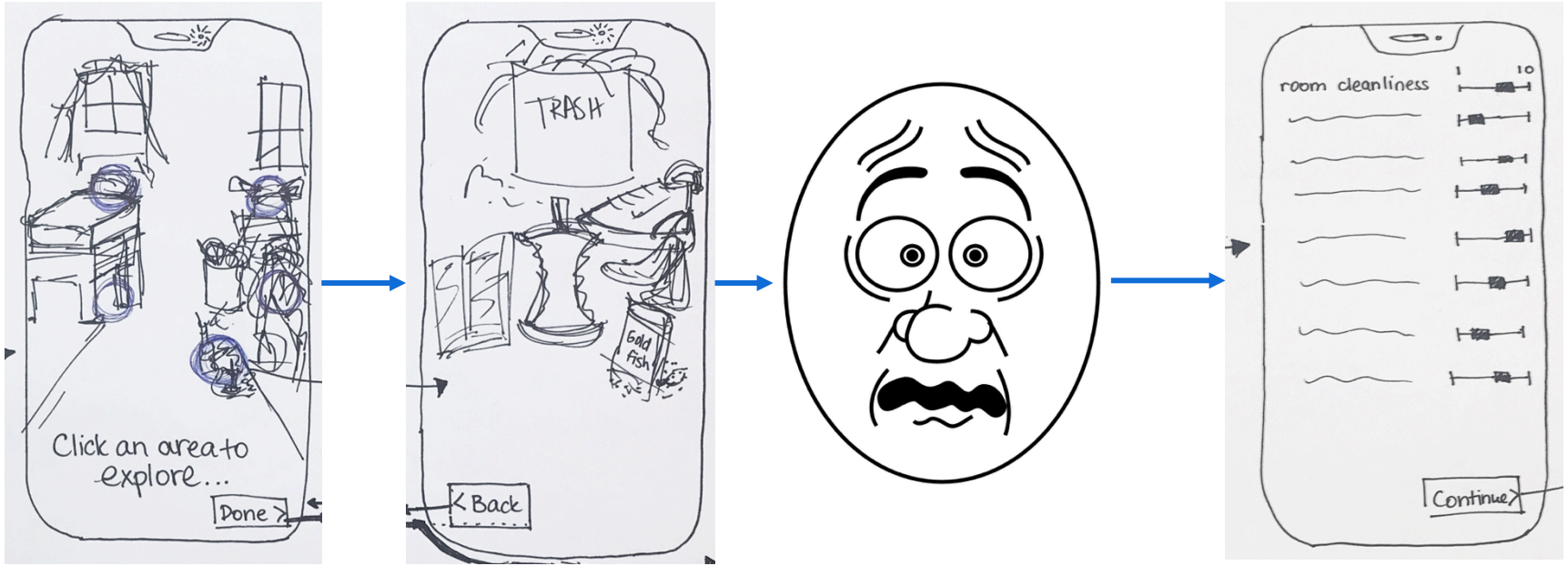
Simple Task

User: to **understand his level of comfort in various situations**



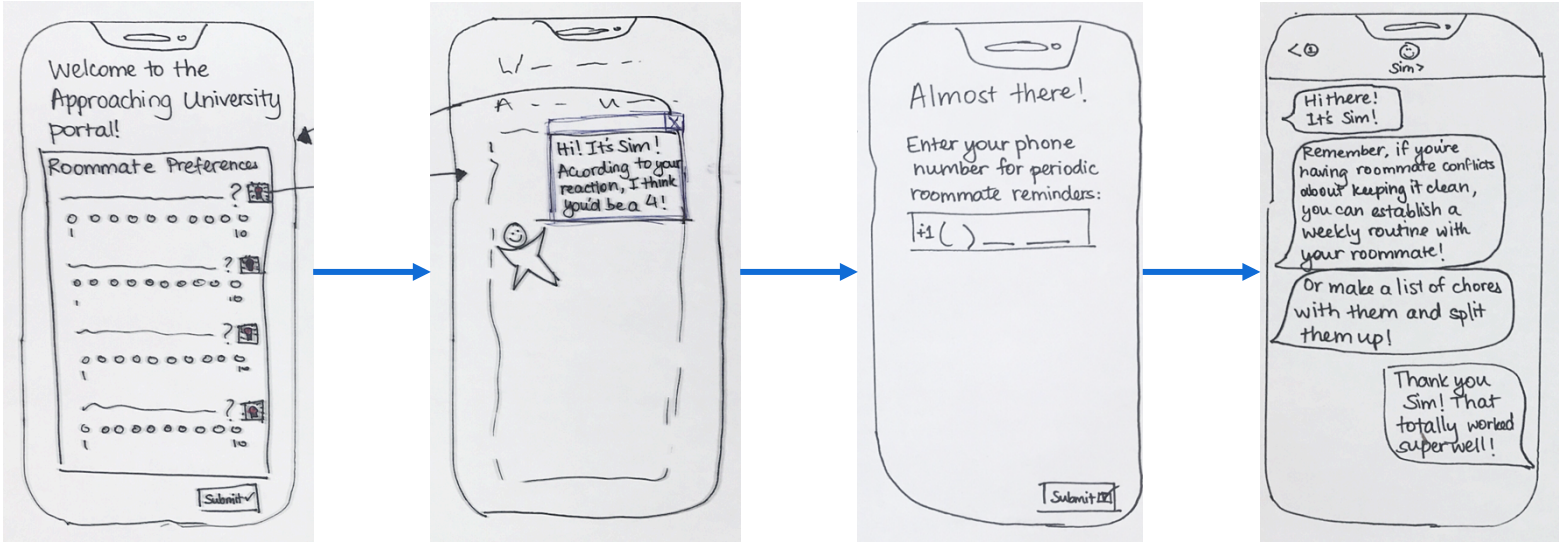
Medium Task

User: to **have another perspective on his reaction that he may not know himself**

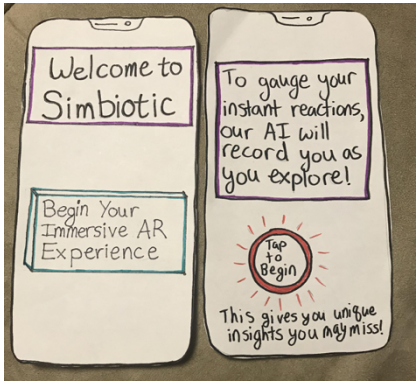


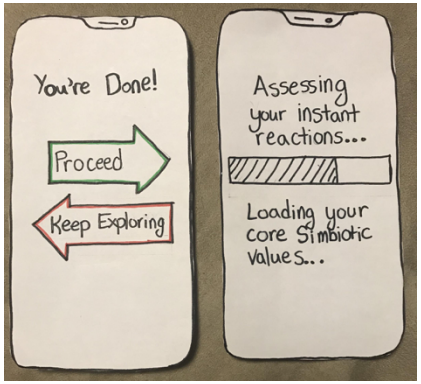
Complex Task

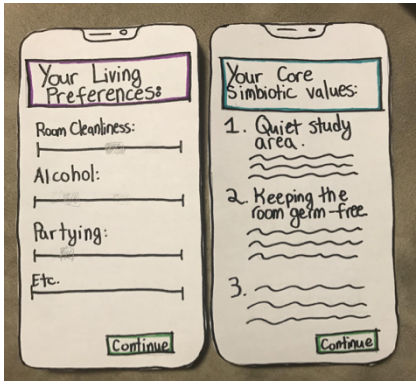
User: to **articulate his living preferences** and **know how to react/ approach a conflict**

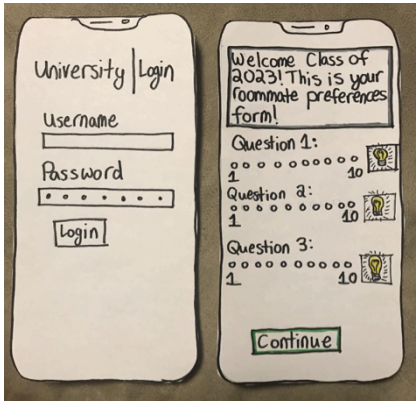


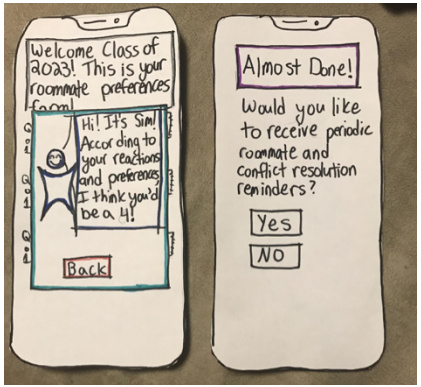
Our Low-fi Prototype

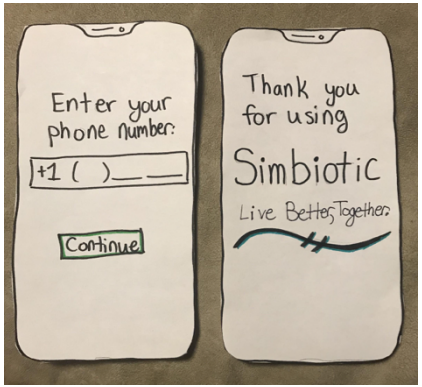












Experiment Method

Intro

AR Experience!

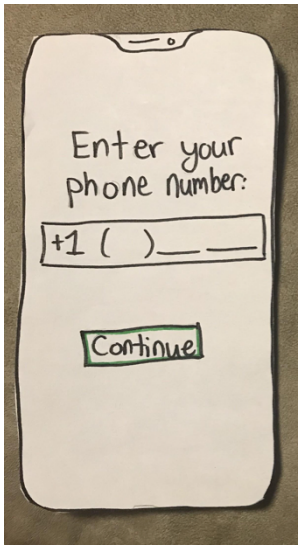
Outro

Results

+ People generally enjoyed the idea of AR
+ ⅔ of the testers said that it was useful in giving them comparison with their own room

Results

- Privacy concerns on providing phone number and being recorded



Improvement:

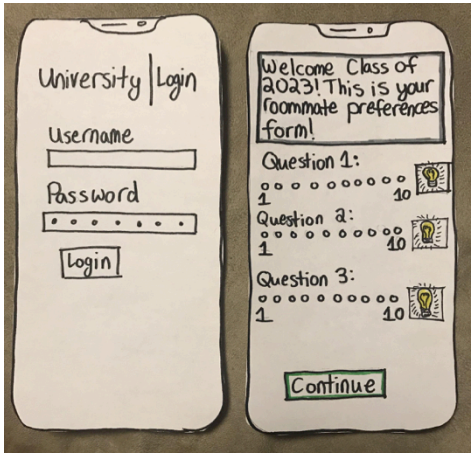
Provide the options of:

1) Using push notifications to receive tips

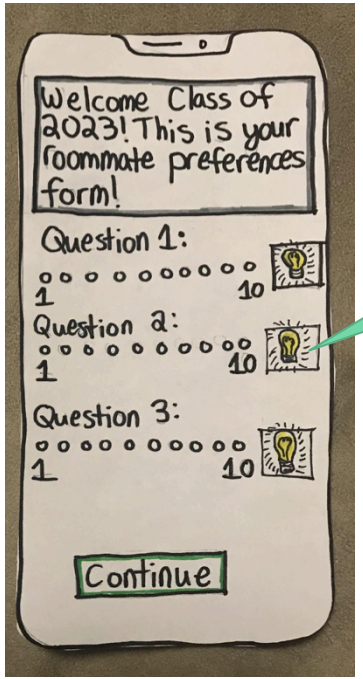
2) Turn the facial recording off

Results

- The “light bulb” button for living preference auto-completion is not intuitive



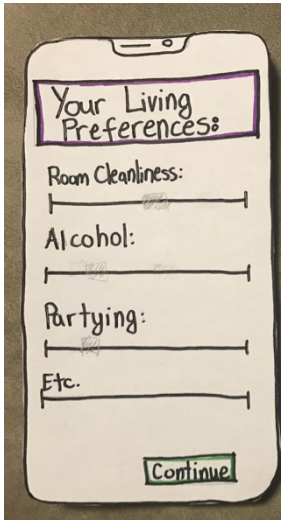
Improvement:



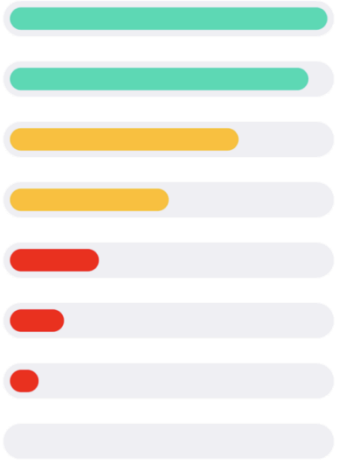
Click here to see our recommendation!

Results

- The slide bar representation of living preference scale gives the illusion that it is movable



Improvement:



Summary

- AR- based interface is promising
- Room for improvement in UI for better experience