

# Project Proposal

**Project Name:** Roomie  
**Team Name:** Jinho's Angels

## **Team Members:**

1. Christian Sanchez → Scrum Master
2. Nahom Ogbazghi → Product Owner
3. Taylor Core → Team Member
4. Alex Lutz → Team Member
5. Seung Hun Lee → Team Member
6. Chris Oh → Team Member

## ***Micro-Charter***

### **Code Name:**

roomie

### **Mission Statement:**

roomie exists to unite the user with the most compatible individual to live with, alleviating one less problem in busy lives and enabling amazing experiences and relationships.

### **Vision Statement:**

Perfectly match roommates globally.

### **Elevator Pitch:**

roomie will improve lives financially, socially, mentally, and spiritually as it airs any person with the most compatible person they could live with. this avoids the unnecessary trails that comes with searching and living with a complete stranger.

### **Business Value:**

This app will reduce financial strains that comes with incompatible roommates.

### **Customers and Users:**

the customers and users are anyone searching for a roommate, but our software targets college students.

### **Metrics:**

- the number of downloads by students in relation to the size of the university they attend
- the number of profiles in relation to square mile

### **Milestones:**

- profile generator is completed
- functional chat box between profile
- compatibility matching algorithm completed
- functioning demo between two apps

### **resources:**

- working knowledge in backend
  - servers
  - Java
  - MongoDB or MySql
- working knowledge in frontend
  - iOS/Android

**Risks:**

- incompetence with tools/ lack of skills
- scalability
- managing a big team
- New software needs to be learned for key piece of program late into development

**Trade Offs:**

- time vs. functionality
- personal needs vs. team needs
- privacy vs. dynamics
- data requested vs. user patience
  - too much requests for info annoys user

**Description of Product:**

=>Log in via Facebook/Google.

=>I'm looking for a roommate.

=>No preference, pre-selected, or questionnaire (Matching)

=> Constant quick Yes/No questions

=> Capped question limit

=>

=>Confirmation

=> Auto-input percentage payment

=>Communication landlord

As <a currently unhoused person>,

I want <to be roomed with a person I am compatible with>,

So that <I can have a good housing experience>.

As <an unhappily housed person>,

I want <to have a better fitted roommate>,

So that <I can have a good housing experience>.

As <a frustrated housed university student>,

I want <to be housed with someone I could be friends with and is offering at a reasonable price>,

So that <I do not have to deal with >.

As <a young unhoused person>,

I want <an application that quickly pairs me with potentially compatible roommates>

So that <I do not have to go through a tiring and long screening process>

As <a person who needs an application that works like Venmo just for my housing>,

I want <to not if my phone is stolen they have access to my credit card>,

So that <I do not worry about having another application that can contain my credit card information>.

# Roomie

Connect FB

Connect Google

Create Account

Profile  
Picture

Profile

Roommates

Bills

Notifications

Housing

Your current roommates:

House  
Pic  
Location

Basic  
Info of  
house

Pic  
Name

Pic  
Name

Pic  
Name

Profile Pic

Name  
Basic  
Info

Profile

Preferences:

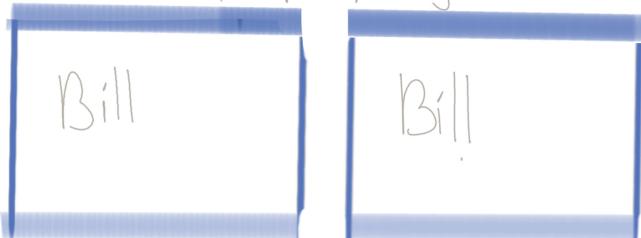
all changeable and editable data  
(matchmaking data)

# Potential Roomies!

Pie	Pie	Pie	Pie
Pie	Pie	Pie	Pie

> Scroll

Currently paying to:



Landlord has the  
option to switch  
payment %'s here

or  
self-set up