Group:

1. Roommate app

Scheduling for roommate chores

Ex. Every friday it will remind one roommate to throw out the trash.

Will alert other roommates if a chore is not done or if it is done

**Persona 1** James, age 21 is in college finishing his Junior year. He grew up in North Carolina for most of his life and enjoys working on cars in his spare time. His father is an engineer and his mother is a teacher. He is working towards a degree in finance.

James likes to use software that simplifies tasks and makes everyday life more efficient. Cleanliness is a priority which has been an issue with some of his previous roommates. Even after speaking to these roommates on multiple occasions things are still not cleaned and he doesn’t want to keep asking. Creating an app to send all roommates notifications to clean on respective days would be a solution to this problem.

**Persona 2** Robert , age 18. Robert is a sophomore, who grew up in Idaho and moved to North Carolina for school. In his spare time he enjoys cooking, reading, hanging out with his friends. Robert is majoring in french.

He likes to cook but never to clean, he always leaves the kitchen a mess and not clean it after he uses it, the house chores are shared but Robert never does his part, his roommates have to ask him over and over to clean and do his part. So now they are creating an App to help them do the house Chores to keep the house clean.

1. A stakeholder of this project would be the landlord who owns the property. The landlord is indirectly benefiting as this app makes sure that roommates are completing their responsibilities on time, which avoids neglect and ensures that the property is properly maintained.
2. Ask an Expert (Who you are and your applicable skills/experiences)

**Seth Close:**

I am a Senior majoring in AI and robotics that is currently working to get experience in robotic design and implementation. I have experience in product and user interface design with mobile device applications, custom prosthetics, as well as devices that test equipment. These experiences have helped me to understand what the user will think and expect from our future product

**John Iannacone**

I have experience in application design for a social teaching platform and hope to work in systems integration after I graduate in the fall. I have a lot of experience in group collaboration and public speaking/presentation.

**Aditya Bhujle:**

Application Programming

Applicable Skills: Built a few websites and apps in JavaScript and Python. Have experience in state management from frameworks like React and Angular.

**Shail Shah:**

I am a junior in Computer Science with concentration in Cyber Security. I will graduate in summer of 2021. I have experience in programming robots in Python. I have experience with networking and security. I also have experience with customer service and handling customer complaints.

**Louise Diouf**

I’m a senior graduating in December 2020 with a double major in Computer Information Technology and french and english/French translation certificate. I work in customer service in our family business and also work as an interpreter at Presbyterian Hospital.

Have some experience in designing an application, interface, prototyping.

Individually:

1. Robert’s scenario: Configuring app

Robert asks Jake, one out of 3 roommates of his, to help him make this roommate app and decide what each of them would have everyday duties. Robert wants the app to be on a server, so everyone can track duties from anywhere.

Robert starts to ask other roommates about what features they want in the app. He also thinks of letting the landlord involved, so the landlord doesn’t have to drop-in and check once in a while. He also asks his best friend who also has 2 roommates that if there is something his friends should be on an app like this.

After collecting the ideas, Robert and Jake both decide what features were good to include in the app and which weren’t. Robert takes responsibility for creating and adding features. While Jake does the designing and user interface part. After the app is done they launch the beta version before launching the app. They let their roommates test the app for any bugs and errors. Once bugs are fixed, they launch the app.

As a user, I want to see pictures after things are done.

As a user, I want to forward my duty to someone if I am unable to do it.

As a user, I would like to chat with my roommates.

As a user, I would like to see what people like to do and stats for tasks performed.

1. After notification of the work done, take a picture and upload with a log.

User profile with his/him bio and chores he likes to or doesn’t like to do.

Landlords get the photo of a cleaned apartment every decided span of time.

Able to chat in the app.

Give notification when the chore is due and when it’s done.