

# ITSC 3155

John Iannaccone

## Parts 1-6 Design sprint day 1

### 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.

2. 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.
3. 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.

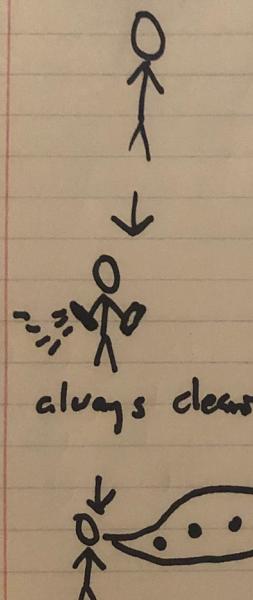
**Louise Diouf**

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.

(clean freak)

James



always cleaning

constantly has  
to move around

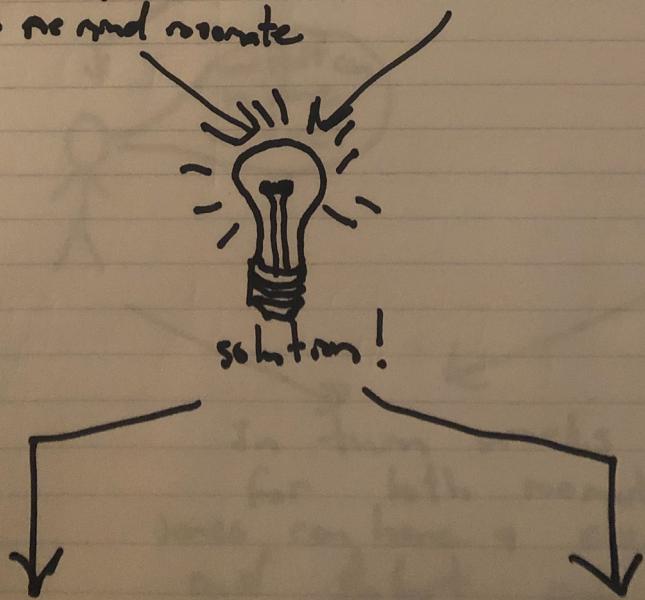
(messy)  
Robert

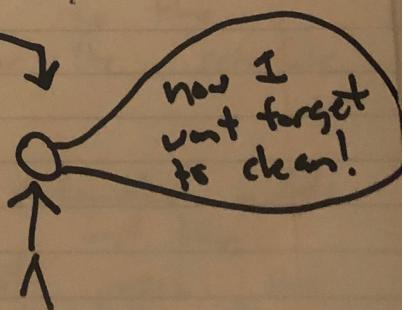
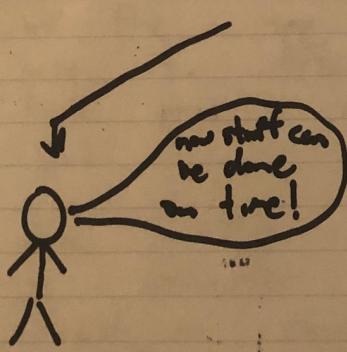
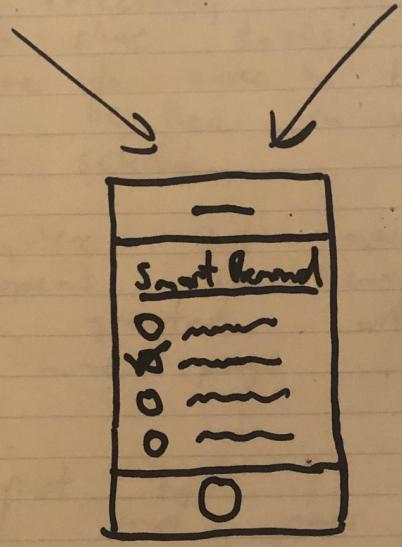
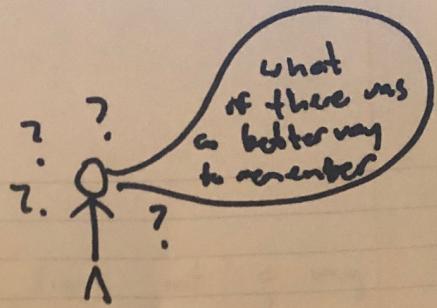
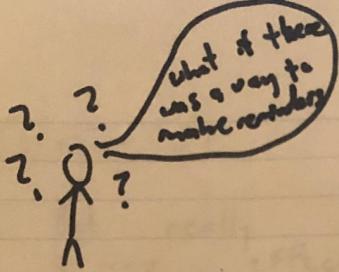


always cooking and  
leaves mess

always forgets

solution!





In turn works better  
for both roommates as  
Jones can have a clean space  
and Robert can remember  
to clean up

(Scenario 1)

Bob really wants to figure out a way to more effectively get his roommates to share tasks. He needs a way for everyone to agree on tasks without having to be there in person due to a busy schedule.

From anywhere Bob opens his phone and opens Smart Remind. From there he is greeted with an easy to read home page with multiple tabs

The first tab is called getting started and gives Bob a rundown of the app features and how to use it. After returning to the home page he looks for the schedule tab.

Here Bob on the calendar adds a reminder to take out the trash on Thursday of that week. His roommates who also downloaded the app get a notification and one of his roommates accepts the task.

### (Scenario 2)

Ananda, a mother of 2, needs a good way to send reminders to both her children while she is away. Although in the past she has called or texted them, she wants an app that will more easily send reminders so they won't forget.

Ananda opens her phone and opens Smart Remind. Once in the app she easily finds the calendar tab. Once in that tab she is able to set up a task or chore for the day. Once this is set up it sends a notification to both of her kids.

When her children get the notification they can complete the task and then confirm that the task was completed. This will then send a notification to Ananda saying that the task was done.

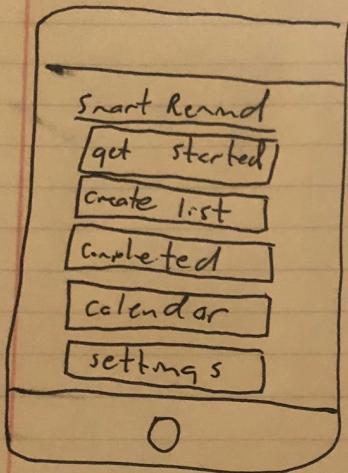
### (Scenario 3)

Alecia is a busy business woman who needs an efficient way to send info to her employees. Currently for small tasks she has to send emails and add all of her employee names to the email. She wants a quicker way to do this.

Alecia opens her phone and goes to smart Record. Here she easily becomes familiar with the options for the app and adds her employee phone numbers to a list. At anytime she wants to send an update to everyone she can simply tap the list.

Next she adds an item to the calendar for a meeting later in the week. When she adds this and uses the list ~~she~~ she created, all of her employees get the notification and can confirm.

## Features



- easy to navigate icons
- simple but clean design
- helpful get started section
- notifications
- ability to link phone numbers
- ability to receive message from app