Google Home ~~Home~~ DORM

Interaction map study for the college student user

The Google Home Mini is a smart speaker which utilizes the Google Voice Assistant technology. This device allows users to accomplish a wide variety of tasks, from managing their daily agendas and controlling household appliances to streaming entertainment and media.

The overarching scope of our project is to conduct an in-depth evaluation of the perception, usability and utility of the Google Home Mini by students at the University of Michigan.

entertainment

- **Hear jokes & play trivia**
- **Listen to media**
- **Control your TV**

- Get calendar & event information
- Set up & manage my day
- Get traffic & commute information
- **Get weather & forecast information**
- Set up & manage apps
- Get local business information

"Okay Google, what is the weather?"

"Hey Google, what is the weather in Celsius"

"Hey Google, should I carry an umbrella?"

"Hey Google, what's the weather for the next 4 days?"

work & Study

- **Plan your day**
- **Get answers & info**
- **Manage alarms**

- Cook with Google Assistant
- Keep shopping list
- **Create a shopping list**
- Broadcast voice messages
- Send information from Home to phone
- Set & manage reminders
- Create & manage shortcuts
- Find your phone
- Shop
- Ask assistant to remember things
- Make a call

home life

- **Get things done**
- **Control your home**
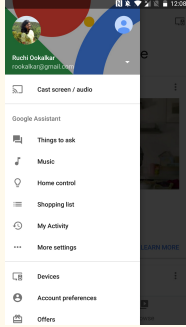
"Hey Google, add _____ to my shopping list."

"Hey Google, add _____ and _____ to my shopping list."
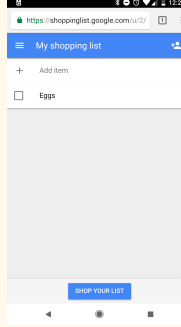
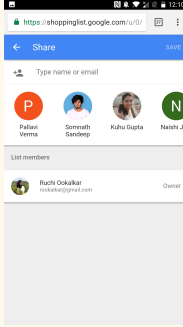"Hey Google, what is on my shopping list?"
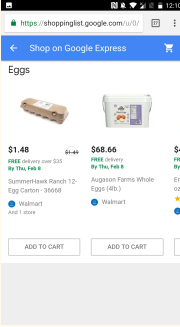
share (🚫)

buy (🚫)

Go to shopping list

Add Item to shopping list

Share shopping list

Purchase item on list

Our main research questions will focus on feature discovery and usability analysis in order to better understand how college students will use this device.

Additionally, we are interested in evaluating how a student's living environment (shared apartment, single apartment, or dorm) affect the way the mini is utilized. These questions will be explored through a series of research reports which will include: detailed interviews, usability tests, and evaluations of other comparative products on the market.

SONORUS | Tori Cox | Bonnie Lee | Katy Madier | Ruchi Ookalkar | Yu Qin