

Screening Survey Instrument

Project Title: Sharing smart home devices: From the perspective of AirBnB hosts.

We are students of Human Computer Interaction Research course. For the final requirement of this course we are conducting this study. The purpose of our study is to understand how AirBnB hosts are using smart home(IoT devices e.g. smart doorbell, smart camera, voice assistant) devices at their home. Our study will broaden the knowledge about the benefits, concerns and demands of the hosts regarding the use of smart home devices at their property. If we get enough participants (12-15+) for this study, we intend to publish the findings from this study to add to the body of generalizable knowledge. Which can be achieved by publishing the findings to Human Computer Interaction related scientific conference.

Thank you for your interest in participating in this following research study. To verify that you are eligible to participate, please answer some questions.

Q1 Are you at least 18 years old?

- ☐ Yes
- ☐ No

Q2 In which country do you currently reside?

- ☐ US
- ☐ Outside of US

Q3 Have you ever rented your house/property through AirBnB?

- ☐ Yes
- ☐ No

Smart home devices are internet-connected electronics that are installed in your home and can be remotely controlled over the internet, typically by using a mobile app. You can look on the list of question 5 to check for different types of smart home devices.

Q4 Do you have any smart home devices in your home and/or in your AirBnB property ?

- ☐ Yes
- ☐ No

Q5 From the list below, please select all of the internet-connected smart home device(s) that you currently have in your home. The specific brands provided in parentheses are shown as examples. Please select any category of smart home device that you own even if it is a different brand. Please check ALL that apply.

- ☐ Smart Speaker or Personal Voice Assistant Hub (e.g. Google Home, Amazon Echo)
- ☐ Smart Display (e.g. Google Home Hub, Amazon Echo Show)
- ☐ Light (e.g. Philips Hue, LIFX, Eufy)
- ☐ Lock/Garage Door Opener (e.g. Schlage, Kwikset, August, Chamberlain MyQ)
- ☐ Thermostat (e.g. Nest Thermostat, Ecobee)
- ☐ Smart Indoor Camera (e.g. Nest Cam Indoor, WyzeCam)
- ☐ Smart Outdoor Camera (e.g. Nest Cam Outdoor, Arlo Pro2)
- ☐ Smart Doorbell (e.g. Ring Doorbell, Nest Hello)
- ☐ Burglar Alarm (e.g. ADT, Nest Protect, Ring Alarm)
- ☐ Fire/Flood/Freeze Alarm (connected smoke/CO sensors)
- ☐ Motion/Contact Sensor
- ☐ None of the above
- ☐ Others. Please specify

Q6 depends on the answers on Q1 to Q5

Q6 Congratulations !! You are eligible for the next part of our study. Are you interested in talking about your smart home device use in your property in a follow-up interview ?

- ☐ Yes
- ☐ No

OR

Q6 We have reached the end of this survey. Unfortunately, You are not eligible for the next part of our study. Thank you for participating and spending your valuable time for this research work. Goodbye !

Q7 depends on the answer of Q6

Q7 If you have selected "Yes" on Q6, then please put your e-mail address in the following box. The researchers will contact you to schedule the follow-up interview.

OR

Q7 Thank you for participating and spending your valuable time for this research work. Goodbye !