Questionnaires

Aspects	Items
Demographics (PC) **Based on [Knijnenburg and Kobsa 2013]**	Gender Age Education Children Race Housing situation Field of work
Knowledge about smart home devices (PC)	I know pretty much about smart home devices. I do not feel very knowledgeable about smart home devices. Among my circle of friends, I am one of the "experts" on smart home devices. Compared to most other people, I know less about smart home devices. When it comes to smart home devices, I really do not know a lot.
Decision style (PC)	*Rational items* 1. I prefer to gather all the necessary information before committing to a decision. 2. I thoroughly evaluate decision alternatives before making a final choice. 3. In decision making, I take time to contemplate the pros/cons or risks/benefits of a situation. 4. Investigating the facts is an important part of my decision- making process. 5. I weigh a number of different factors when making decisions. *Intuitive items* 6. When making decisions, I rely mainly on my gut feelings. 7. My initial hunch about decisions is generally what I follow. 8. I make decisions based on intuition. 9. I rely on my first impressions when making decisions. 10. I weigh feelings more than analysis in making decisions.
General privacy concerns (PC) Based on [Malhotra et al. 2004; Smith et al. 1996]	All things considered, the Internet causes serious privacy problems Compared to others, I am more sensitive about the way online companies handle my personal information To me, it is the most important thing to keep my privacy intact from online companies I believe other people are too concerned with online privacy issues Compared with other subjects on my mind, personal privacy is very important I am concerned about threats to my personal privacy today
Collection concerns (PC) **Based on [Knijnenburg et al. 2013; Malhotra et al. 2004; Smith et al. 1996]**	It usually bothers me when online companies ask me for personal information. When online companies ask me for personal information, I sometimes think twice before providing it It bothers me to give personal information to so many online companies I'm concerned that online companies are collecting too much personal information about me Online companies may collect any information about me because I have nothing to hide I'm not bothered by data collection, because my personal information is publicly available anyway
Perceived	Based on what I have seen, the system is useful

Usefulness (SSA)	The system helps me more effectively set my privacy preferences The system gives me more control over my household IoT devices The system makes the privacy settings for all my household IoT devices easier to get done The system saves me time when I use it. The system meets my need The system does everything that I expect it to do
Perceived Setting Interface Complexity (SSA)	The interface of the system is complex
Perceived Setting Match my preference (SSA)	The settings preset in the system match my privacy preference
Perceived Ease of Use (SSA)	It is convenient to set my preferences in the system It requires the fewest mouse-clicks possible to set my privacy preferences with the system It takes too many mouse-clicks to set my privacy preferences with the system I was able to quickly set my privacy-setting preferences in the system I feel setting my privacy preference in the system is easy I feel setting my preferences in the system was unnecessarily complex I can set my privacy-setting preferences without written instructions I felt lost using the system's privacy settings I felt the Privacy-setting interface is designed for all levels of users I can use the Privacy-setting interface successfully every time
Perceived Privacy Threats (SSA)	I am afraid that due to my settings, I am sharing my personal information too freely I am comfortable with amount of data that is used/shared by IoT system based on my settings Due to the system, the manufacturer will know too much about me Due to the system, third-parties will know too much about me I made sure only information that I am comfortable with will be used or shared My privacy settings are spot on; I am not disclosing too much to anyone I fear that I have been too liberal in selecting my privacy settings
Perceived privacy help (SSA) Inspired by [Wang and Benbasat 2007]	The system helped me to decide what information I should disclose The system explained how useful providing each piece of information was The system helped me to make a tradeoff between privacy and usefulness I felt clueless about what information to disclose
Perceived Control (SSA)	I had limited control over the way this system made privacy settings. The system restricted me in my choice of settings. Compared to how I normally configure privacy settings, the system was very limited. I would like to have more control over the recommendations.
System satisfaction	The system has no real benefit to me Using the system is annoying

(EXP) **Inspired** **by [Hui et al.** **2006; Xu et** **al. 2009; 2011]**	Using the system is a pleasant experience Using the system makes me happy Overall, I am satisfied with the system I would recommend the system to others I would use this system if it were available I would pay a monthly fee to use this system I would quickly abandon using this system It would take a lot of convincing for me to use this system
Trust in the **company** **(EXP)** **Based on** **[Jarvenpaa** **and Tractinsky** **1999;** **Metzger 2004])**	I believe the company providing this software is trustworthy in handling my information I believe this company tells the truth and fulfills promises related to the information I provide I believe this company is predictable and consistent regarding the usage of my information I believe this company is honest when it comes to using the information I provide I think it is risky to give my information to this company There is too much uncertainty associated with giving my information to this company Providing this company my information would involve many unexpected problems I feel safe giving my information to this company