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About us

Our group consists of Rajani Shrestha, Mattias Ovesson, and Stian Rustad. All of us are on our first year on our masters in Informatic: Design, use, and interaction, two of us took our bachelor's degree in Informatic: Design, use, and interaction at the University of Oslo whilst one of us has a bachelor in Digital design & innovation form Halmstad University.

Area of interest

We are interested in the way humans interact with a virtual personal assistant such as Google assistant and the similarities and differences between this and if they were interacting with a human assistant. Looking at the capabilities of the assistance and when and how people use the assistance. It's also interesting to think about where they use the assistance. Letting users know what the virtual personal assistance is capable of helping them with.

Voice assistants are virtual agents that understand human speech and are able to respond to questions (Hoy, 2018). Today these virtual assistants exist in most sold smartphones, laptops and computers (Tulshan & Dhage, 2019). These virtual assistants have many different types of functionalities (Tulshan & Dhage, 2019). People use Siri and Google assistant quite often to perform several tasks such as setting an alarm, asking about weather and we get an instant response. But have you ever thought, VA would be capable of doing more than that if you have been probably using VA till today.

Questions

How does the speech pattern differ from human to human interaction?

How can design make people understand the capability of their personal assistant?

Methods

We would like to use Observation, Literature review and/or if possible surveys to collect the required data. Observation of people's behaviours and their pattern of using VA in their daily life would be quite interesting to support our study. Since most of the people these days have one or more devices with VA, there are a lot of articles related to VA and its interaction so we would be doing some literature review to explore and find the answers of our questions. We would also like to do a survey on different types of users of VA to support our study.

References

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