

Wonder Document

A description of the group and member backgrounds:

This group has only one member Shuvo Mahmuda, a fourth year student master student in informatikk: programming and network. Background from earlier; a bachelor degree in mathematics and computer engineering from university in Agder (UiO).

A description of what area of “interaction with AI” the group is interested in working with

Area of “interaction with AI” the group is interested in working with is in AI behaviour and understanding correlation between functional behaviour of an AI and its implementation. That is how to implement machine learning framework in a AI system that interacts with the users, which could be a Chatbot.

Understand how a dynamic dialog flow between a human user and AI Chatbot could be efficient and robust based functional criteria on both end, such as how an AI and human user would communicate in a formal setting. Investigate how user and AI in this case a Chatbot will interact and what type of issues that generates from these interactions. Specially a Chatbot can tackle a formal conversation and system capabilities [1].

Questions

Questions that I want to investigate are AI capabilities, abilities of an AI to tackle ambiguous question or request from the user, that is could it be possible for an AI to infer suggestion automatically to its user based on earlier inquiries. [2]

How HCI interaction evolves over time and user’s adaptabilities to AI.

Methods and Techniques:

- Literature and theoretical background reviews
- Investigating user experiences and interviews
- Case Study

Bibliografi

- [1] D. M. V. A. F. B. N. P. C. J. S. S. I. P. N. B. K. I. J. T. R. K.-G. a. E. H. Saleema Amershi, «Guidelines for Human-AI Interaction,» Microsoft and Paul G. Allen School of Computer Science & Engineering University of Washington, Redmond, WA, USA and Seattle, WA, USA, 2019.
- [2] F. C. a. L. D. R. Fabio Ballati, « "Hey Siri, do you understand me?": Virtual Assistants and Dysarthria,» 2018.