Exploring Prompting Strategies in Human-Chatbot Interaction and Their Impact on Human Communication

Research Team:

Primary Investigator: Mgr. CSc. Alexey Tymbay Institution: Technical University of Liberec

Department: Faculty of Science, Humanities, and Education

Dates: 15-30 September 2024

If you have questions or concerns, please contact:

Mgr. CSc. Alexey Tymbay Technical University of Liberec Email: alexey.tymbay@tul.cz

Purpose of the Study: This study aims to investigate the effectiveness of various prompting strategies in human-chatbot communication using Chat GPT. It also seeks to explore how chatbot interaction influences participants' communication skills in human-human settings.

Duration: 90 minutes

Activities: Participants will interact with Chat GPT to complete tasks requiring different levels of contextual

understanding.

Language Requirement: Tasks will be conducted in English.

Voluntary Participation: Your participation in this study is entirely voluntary. You are free to decline or withdraw at any point without any penalty or impact on your academic standing.

Confidentiality: All data collected will remain confidential and anonymized. Your identity will not be disclosed in any publications or presentations of the study findings. Anonymized data will be stored in an openly accessible repository for research purposes.

Potential Risks and Benefits:

Risks: Minimal risk associated with cognitive effort during the tasks.

Benefits: Potential improvement in your ability to interact with chatbots and enhanced understanding of communication strategies.

Consent Statement:

By signing below, I acknowledge that:

- 1. I have read and understood the purpose, procedures, and potential risks and benefits of this study.
- 2. I voluntarily agree to participate in this study.
- 3. I understand that I may withdraw at any time without penalty.

Participant Name (Printed):		
•		
Signature:	Date:	