

UNIVERSITI TEKNOLOGI MARA

**A USER ACCEPTANCE OF ROBOT
TECHNOLOGY FOR ELDERLY**

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IT Project submitted in partial fulfillment

of the requirement for the degree of

Master of Science in Information Technology

Faculty of Computer & Mathematical Sciences

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AUTHOR'S DECLARATION

I declare that the work in this report was carried out in accordance with the regulation of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledge as referenced work. This report has not been submitted to any other academic institution or non-academic institution for any other degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

Robot is not a new technology in an industry like manufacturing and health care which they were designed, but a combination of artificial intelligence that can produce a new robot technology that can help people in many ways and also as facilitating technologies. This research used the Technology Acceptance Model (TAM) as a model to evaluate the level of acceptance for elderly user. Five elderly participants interact to be as respondents for this research and the interaction was followed by a qualitative research and structure interview to elicit their opinions and feedback. There are two objectives of the research, (1) to study user acceptance of robot in their everyday life, and (2) to identify the existing model of user acceptance. This research used the qualitative research and five respondents will be chosen to be as participant.

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