

UNIVERSITI TEKNOLOGI MARA

**ERGONOMIC BATHROOM FOR
THE ELDERLY**

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Bachelor Interior Architecture (Hons.)

August 2020

AUTHOR'S DECLARATION

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

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

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ABSTRACT

Bathroom is very important room for everyone in their life. Personal basic needs of activities for human hygiene-healthcare such as brushing teeth and hair, bathing, defecate urination and even make up are using this important room called bathroom. Elderly people has their limitation of doing activities and movement. Sometimes, it may have a tendency to an accident. While, toilet or bathroom had become a high risk for fall and injuries to occur in a house. Likewise, fall injuries in bathroom ergonomic design were twice more than likely to result an injury. The aim of this study is to investigate and determine the bathroom ergonomic aspect and user satisfaction of bathroom design for elderly in Malaysia terrace house/link house. This research executed a mixed method research in which include pictogram observation and questionnaire survey methodology. Secondary data collected were collected by someone who is not an actual user. For example including magazines, books, newspaper and journals that are already available and analyse previously were also use in this research. This research and study are limit to the link house near Puncak Alam area due to the restriction that need to be follow due to stay at home rule by Malaysia's government due to covid-19 pandemic and the scope of house is only been focused on terrace/link house only focusing on the bathroom fitting and finishing of the user existing bathroom based on the questionnaire distributed.

ACKNOWLEDGEMENT

Firstly, I wish to thank God for giving me the opportunity and blessing to complete my undergraduate studies despite this long and challenging journey successfully. My gratitude and thanks toward my supervisor Dr. Arniatul Aiza Mustapha, and co-supervisor, Mrs. Noorul Nadya Shaharom. Thank you for the support, patience and ideas in assisting me with this project. I also would like to express my gratitude to my lecturers of dissertation II, Dr. Arniatul Aiza Mustapha, Mrs. Nor Hazirah Hasif, Mrs. Noorul Nadya Shaharom and Mrs. Adilla Abd Rahaman who provided the guidance, knowledge and assistance during the study.

Definitely, special thanks to my colleagues and studio mates for helping me with this research and also to those who indirectly contributed in this research. I am very grateful of all the memories and journey that went throughout the research.

Finally, this thesis is dedicated to the love of my life, my beloved parents and family members for the endless determination and support throughout the journey of my studies till complete. Alhamdulillah.

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