

UNIVERSITI TEKNOLOGI MARA

**THE SAFETY FACTORS FOR
INDOOR CHILDREN'S MUSEMENT
CENTER FOCUSING ON
MATERIALS**

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Bachelor Interior Architecture (Hons.)

August 2021

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.

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ABSTRACT

According to Korean Academy of Medical Sciences (2020) based on the studies, there are many kinds of rides and play equipment in indoor playground that children can be injured by a variety of materials, such as play equipment, the floor, other people, and furniture. The study will be specified for indoor kids' amusement center in Malaysia. The aim of the study is to focus on the safety aspect requirement for indoor children's amusement centers that focuses on material. The objectives of the research are to determine the safety requirement for indoor children's amusement center focusing on materials and to evaluate the current safety aspects implemented in indoor children's amusement center in Malaysia. Two methods are applicable to this study: Questionnaire and on- site observation by the users and environment at the indoor children's amusement center at Malaysia. The observation will be conducted at site to identify the actual safety aspects implemented in indoor children's amusement center in Malaysia. The observation will do toward the material in indoor children's amusement center such as equipment, wall, ceiling and flooring material. After that, questionnaires were distributed to parents or guardians or staff who accompanied their children playing in indoor children's amusement center. Questions set are all about assessment of interior safety focusing on material aspects that should be considered in the indoor children's amusement center and which could be perceived by parents while taking their children to the indoor playground. The result of this study showed that safety in indoor children's amusement center meet the safety aspect that were expected by parent. For further studies, the research must make a dipper research in indoor children's amusement center focusing on materials to give an idea or direction to designer or developers about safety requirement for indoor children's amusement center.

ACKNOWLEDGEMENT

Firstly, I wish to thank God for giving me the opportunity to embark on my degree and for completing this long and challenging journey successfully. My gratitude and thanks go to my supervisor Dr. Abu Bakar, and co-supervisor, Miss Adila. Thank you for the support, patience and ideas in assisting me with this dissertation. I also would like to express my gratitude to the Studios mates, which helped me a lot in terms of ideas and confidence in preparing my dissertation.

My appreciation goes to my family who helped me a lot financially, when I needed their help they were always with me even though they were busy completing their daily lives. For my brother and sister thank you so much for your much encouraging time for me to continue this dissertation

Finally, this dissertation is dedicated to the loving memory of my very dear late mother and my lovely father for the vision and determination to educate me. This piece of victory is dedicated to both of you. Alhamdulillah.

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