



UNIVERSITI TEKNOLOGI MARA
CAWANGAN TERENGGANU

**FABRICATION OF MINIATURE
FOLDABLE IRON BOARD**

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ABSTRACT

The problem is many families living in a small environment but requiring the iron board that is a basic furniture to be used in daily days. The statistics show Malaysia's population is expected to increase by 75% by 2022 so this show that the number of individuals in need of basic furniture, such as irons, will increase. The average household in the country is Malay, with 3.7 people, Chinese, and Indian families with 3.1 and 3.4 people, respectively. The main objective of this project are to design miniature foldable iron board and to fabricate foldable iron board that conserve as much space as feasible. This report using several several factor to achive the objective that is the iron board will mounted at the door, made from steel and use cotton as the board cover, The first part is to build the foldable iron board is to design the foldable iron board that can save consumer's place. The second part is to fabricate the foldable iron board based on the design using welding process. The result the foldable iron board using the square hollow as the main body, cotton that can be removed as the cover of board and has a lock as a safety also can be hanged to the door.

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