



اَوْنِيُوْرَسِيْتِي تِي كُوْلُوْمِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA

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FINAL YEAR PROJECT REPORT
MECHANICAL ENGINEERING DESIGN (MEC332)

GROUP:

J4EM1105D

SUPERVISOR: MR FIRDAUS SUKARMAN

LECTURER: MR MUHAMMAD FARIS SYAFIQ

BIN KHALID

NAME	STUDENT ID
AHMAD HAZIQ BIN ZAMRI	2018443886
MUHAMMAD ASYRAF BIN RAWI	2018444614
MUHAMMAD ATIF BIN MOHD SIDIK	2018806324
NUR NAZMANIZA ELIESYA BINTI ROSMAN	2016883794
NABILAH NUR ATASHA BINTI A. RAHIM	2018213064

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ABSTRACT

There are many types of door in real life that serve one purpose to provide security by controlling access to the doorway. However, after undergoes some observations, it has been identified that most of the store owner uses the door to make the store more pleasing to the eye. Hence, the product known as the MecDoor is invented which is innovative of the common automatic door with some tweak on the system to make it environmentally friendly and more efficient. This product is focusing on users who deal with stores where it has the entrance that needs to be open and closed. In- store, there are many types of users other than normal citizen and some of them are kids, elderly and even handicap. The MecDoor comes with an automatic system where it can be open and closed without you need to touch the door itself where the scissor snake mechanism is the main part that responsible on moving the door to open and close. Other than that, the product comes with a dual door system which is the common size for most of the store.

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