



اُنْبُوْا سِيَّتِيْ بِاَتِيْكَوْا لُوْكِيْ مَارَا  
UNIVERSITI  
TEKNOLOGI  
MARA

**FINAL REPORT**

**MEC 332- MECHANICAL ENGINEERING DESIGN**

**PROJECT NAME**

EXPECTO DE GAS

**PREPARED BY:**

MUHAMMAD FADHIL AIMAN BIN ABDUL RAHMAN	2015820098
MUHAMAD HAKIM BIN BAKERI	2015891866
AIN IZZATI BINTI MUHAMAD ARIF	2015869832
NUR KHALILAH BINTI KAMARUDDIN	2015859746
NURFIQAH NAJIHAH BINTI SAMAD	2015835446

**GROUP**

J4EM1105B

**LECTURER**

MISS LIYANA BINTI ROSLAN

**SUPERVISOR**

SIR ZENO MICHAEL

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## ABSTRACT

Nowadays, gas is an important thing to have in every household. Expecto de Gas is a project that will reduce a lot of human energy to carry the gas cylinder to somewhere else. Based on the study, most people especially women having a hard time to handle their gas cylinder even though they only change it once or twice a month. The problem is occur when the gas cylinder <sup>d</sup> to be move from one place <sup>in</sup> to the kitchen or other places. Someone who is less in power, they just can either push it or roll it to the kitchen. However, this way can cause unwanted incident to happened. So, in order to avoid any unforeseeable incident in the house, e innovated a trolley to carry the gas cylinder more easier, and at the same time act as a small cabinet. Besides, this trolley also can alert the users if there is leakage with their gas. Expecto de Gas is designed in a simple yet sophisticated pattern to suit with the kitchen environment.

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