

**EM110 DIPLOMA OF MECHANICAL ENGINEERING
FACULTY OF MECHANICAL ENGINEERING
UiTM CAWANGAN JOHOR, PASIR GUDANG CAMPUS**

**MEC332
MECHANICAL ENGINEERING DESIGN**

**PROJECT:
SAFETY BOX DELIVERY**

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ACKNOWLEDGEMENT

In the name of Allah, the Most Gracious and the Most Merciful Alhamdulillah, all praises to Allah for the strengths and His blessing in completing this Final Year Project (FYP) for our 5th Semester in Diploma of Mechanical Engineering. This final project report was prepared for subject Mechanical Engineering Design (MEC332), Universiti Teknologi MARA (UiTM), Branch of Pasir Gudang.

Special appreciation goes to our lecturer, Sir Abdul Aziz Mohd Yusof for their lectures, supervision and constant support. Not forget to our supervisor, Madam Nur Kamarliah Binti Kamardin for her guidance, unstoppable positive comments and judgements. Their invaluable help of constructive comments and suggestions throughout the project works have contributed to the success of this project. We take this opportunity to express our gratitude to the people who have been involved formally or informally in the successful completion of this final year project.

This cooperation and support among of the team members including Muhammad Haziq Bin Azman , Afif bin Amri, Mohammad Izzat Nurhakim Bin Mohd Azri and Muhamad Amrin Faiq Bin Zulkifly who are successfully contribute all of the efforts on this project. The completion of this report was vital for the success of our mission for this project. We are grateful for their constant support and help. Without our cooperation together this project would not have materialized.

Last but not least, deepest thanks and appreciation to our parents, family and others for their cooperation, encouragement, understanding, constructive suggestion and full of support for the report completion, from the beginning until the end of the project. Hence, thanks to all of our friends and everyone that have been contributed by supporting our work and help during the project progress until it is successfully completed.

Thank you.

ABSTRACT

Safety Delivery Box sounds interesting which we want to make it as a safe place for delivered item. The main goal of this project is to make a safe place for delivered item while someone is not at home or unavailable when the item is delivered. After we obtained data from a survey, we provided to our respondents through Google Forms, we built a safety delivery box based on their preferences. The respondents complained from the survey that their

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1.1 PROBLEM STATEMENT

Nowadays, we are facing covid-19 outbreak. The global business is falling and many of companies close down. This is making to the entrepreneur give up to maintenance the business with right now condition. Some of the companies have idea to sell their product with online method. People afraid to go out the house, they get out the house if need to go work and also wanted to buy basic needs at the supermarket. Then, people prefer to buy something from online application and shop. This is because they wanted to avoid from covid- 19 but still can shopping. A lot of people facing a broken and damage item when arrive at their home. The postman want to keep save the item from another person steal it that make their throw an item in front ofdoor. Furthermore, sometimes the postman just put at main gate and that item damage because of weather. For example, the weather is raining that make the item wet and did not function because that electronic item.

Every problem comes with solution, we decided to create a Safety Delivery Box to overcome the problem. We also wanted to put the Safety Delivery Box with modern safety system to avoid the item stolen. The product is big can put many item inside that.