

**UNIVERSITI TEKNOLOGI MARA
CAWANGAN TERENGGANU**

**DESIGN AND FABRICATE UNIVERSAL HOOK FOR
CAR USAGE**

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MARCH 2022

ACKNOWLEDGEMENT

First and foremost, I want to express my gratitude to God for providing me with the chance to pursue my diploma and for successfully completing this long and difficult road. Mrs Ros Atikah Binti Abdul Kadir@Che Ismail deserves my gratitude and thanks.

Finally, I dedicate this dissertation to my pparents, who had the foresight and desire to educate me. This triumphant piece is dedicated to you both.

Alhamdullilah.

ABSTRACT

This project is related to design of a product, which is a car's headrest's hook. Nowadays, the available headrest hook does not really have multi functions other than just to hang or put items. So, the design that is created on the products provides a specific piece of functionality. Therefore, this project will construct a suitable design of the hook for multipurpose uses. Not only that, but the hook can also withstand some heavy load. The headrest's hooks that are available at the local and online shop is taken as a reference. The design will be constructed using a suitable software, which is Solidwork. While the size and measurements will be studied so that it is appropriate for a public usage. Before fabricating the product, the design is transferred into the CURA software. For the fabrication of the product, a 3D printing machine the FDM type is used. Finally, the car's headrest hook is successfully fabricated in actual size.

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