



DESIGN AND DEVELOPMENT OF MOTORBIKE ROOF SHIELD FOR DELIVERY SERVICE

INVERTOR SUPERVISOR EMAIL FACULTY

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BACKGROUND OF THE STUDY



PROBLEM STATEMENT

Due to the irregular Malaysian climate, many motorcycle owners especially delivery riders, experience difficulties during the rains and disrupt services.

OBJECTIVES

To design and develop a portable and retractable motorcycle roof which meets the requirement for delivery services regardless of the weather.

IMPACT TOWARD SOCIETY

a) Rider

• Help the delivery rider to increase income and protect them from hot weather.

b) Community

• The customer can receive they order on time although it's drizzle weather

c) Nation

• Help to reduce the amount of accident during drizzle weather.



NOVELTY AND ORIGINALITY

- A portable roof type with retractable system which new in market because most of the motorbike roof in market are fix type.
- The working principle are more user friendly because easy to fix and keep it.
- Have good strength properties because it can withstand the air flow when the motorbike travel 80 Km/h.
- The material be used to fabricate cheap and in the same time have good mechanical properties.



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