



UNIVERSITI TEKNOLOGI MARA

TECHNOLOGY BLUERINT TITLE: SMART CAR DETECTOR

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1.0 EXECUTIVE SUMMARY

This company that registered under Companies Commission of Malaysia (SSM) as BFF Enterprise are company that involve in inventing new product that will give satisfaction and solve customer product. For the new product, this company have upgraded the uses of GPS for car user to smart car detector. This product help car user a lot prevent from accident and also protect the user.

The product may detect any movement when it want to reverse, it will halt the car movement until no move detect. Other than that this product come with mini hidden camera and alarm. This mini hidden camera function as CCTV or as guide for the user to see what is at the back of their car. Meanwhile the alarm function as to detect danger which may harm the car or car user. It will rang once sharp or hard object touch the car body. This give customer an alert that their car in danger and may notify the others to help them. The alarm would stop once no harm detect.

The product came with three highlight items which, movement detector, mini hidden camera and alarm. It is called smart detector altogether to let the user know that this product would not give burden to the user. For example if their alarm rang, user have to close the alarm on their own and disturb the others. The alarm stop o their own which prevent the car battery from losing the battery. It such a good product that give benefit to the others as this product affordable and can be used on any type of car.

2. PRODUCT OR SERVICE DESCRIPTION

2.1 The product of BFF Enterprise would like to add extra safety to car driver which call smart car detector. The size of this detector is very small but useful to consumers. It may look like same with the back camera of car that used everywhere now, but a feature added to reduced rate of accident when drivers did not noticed one's walking behind their cars. This smart movement detector function to halt the car when it detected any movement passed through it. The car may move normally once no movement detect anymore.

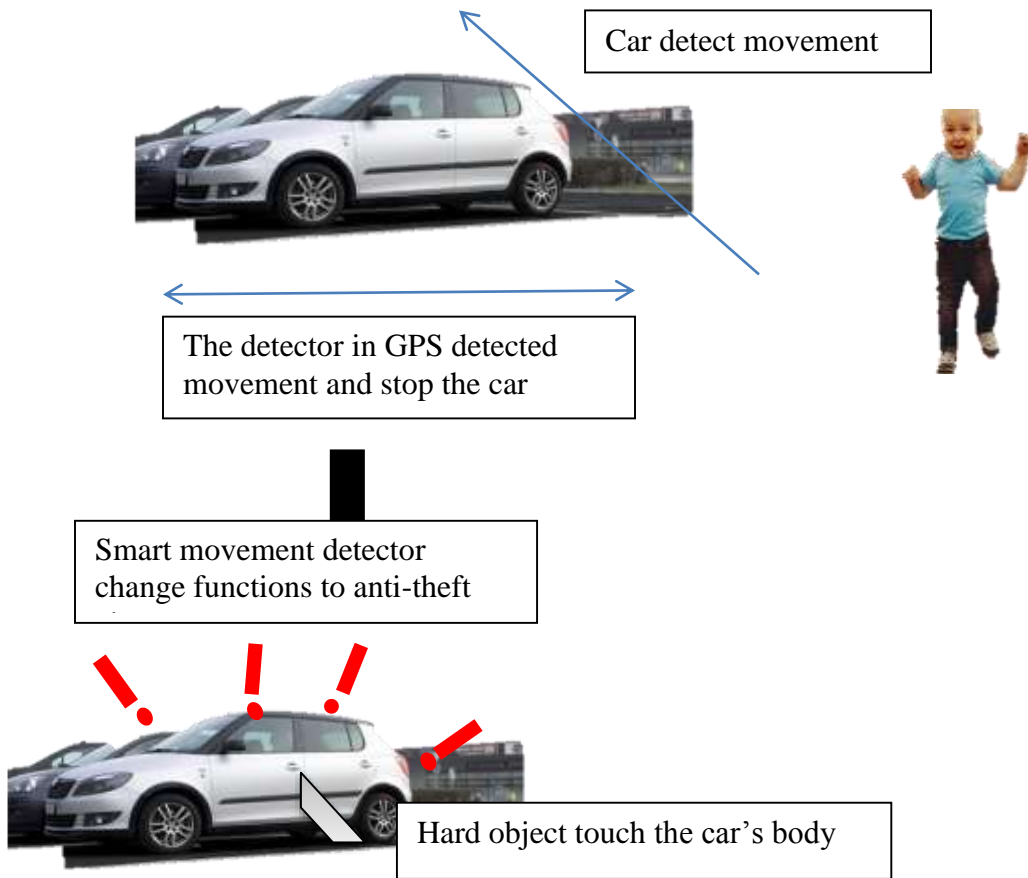
2.2 This product actually an updated from the back camera features. It primarily to see if any cars or things behind our transport during car reversed but this product help to halt the car when it detect any movement. Moreover not all car have the back camera due to its price and people should go to workshop and hire a person to install it into their car. This small car detector can be install easily and came out with step by step method on how to used it. The consumer should not feel worry if they do not know how to read the manual in English because we also put malay instructions in the manual.if they do not know how to read the manual in English because we also put malay instructions in the manual.

2.3 The unique features of this product is, it easy to install to any type of car. Other than that, it not only has one features but came with anti-theft alarm. These alarm work when any sharp or hard objects touch your car. Differ with normal car alarm which need to stop by the car keys, these smart movement detector will stop once it not detected any unusual touch to the cars body. It is to avoid the car run out of battery and consumers need to go to workshop to replace new battery. Imagined how it helps consumers a lot, beside we save others lives from unintentional accidents it also protects us and our cars. These product will definitely became best seller product on the market because consumer love things that have a lot of features in one item.

2.4 The small movement detector does not require much money to create it because it is the updated features from the back camera of cars which primarily used as GPS. The features updated tie to tie to ease the consumers and save lives. Our company hiring quality workers in IT to create this features in the GPS and it took a few months until the product fully can be test and put on a market.

Cost required to fully developed

List	Price per item
Micro camera	RM 37.00
Smart Detector Sensor	RM 4.50
Microchip	RM 45.60
Micro Alarm	RM 30.00



Alarm stop when it feel no hard, sharp or unusual touch on the cars body.

2.6 This product will be updated time to time until when someone in danger the smart detector can link directly to emergency number. Other then that, our company also will try to create and application which when we forget where we put our cars or the keys alarm have broken, a person can trace their cars using their smartphone only.