TECHNOLOGY VENTURE BLUEPRINT

GOSCAN

Faculty : FACULTY SPORT SCIENCE AND RECREATION
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1.0 EXECUTIVE SUMMARY

Fingerprint scanners are unique and highly secure, they are used to lock/unlock devices and apps without having to remember passwords, easier, cheaper and faster setup, online transactions. line becomes more convenient when you press the screen with your finger, fraction of a second. The fingerprint scanner offers very high accuracy, it is the most economical biometric authentication technique for PC users, it is one of the most developed biometrics and the small storage space required for the sample biometrics helps to reduce the required database memory size. The fingerprint scanner scans & saves fingerprints, it is used to open the door or power on the device, it is limited by the quality of the technology used in its construction, many laptops have been released with these devices on board to control machine access by hackers or other criminals, or simply as a security device.

Fingerprint biometric reader is that it is quite easy to copy the key or write an alarm code and pass it on to unauthorized people, it is almost impossible to copy someone else's fingerprint in a form that is not visible. The scanner will recognize it. Other types of access control solutions have a weakness that they depend on something that can easily be lost, shared, or duplicated. Fingerprints have none of these weaknesses, anyone with an approved fingerprint doesn't necessarily have access to another part of the security system.

Hackers are experts at finding your computer password, they may not have a usable copy of your fingerprint, fingerprint scanner provides extra security, human fingerprint contains unique zigzags and crests that the average scammer can hardly duplicate. Fingerprint scanners can scan for suspicious possibilities or verify identity remotely, instead of requiring individuals to return to the station or waste time processing ink fingerprint cards.

This unique Fingerprint speeds up the secure registration or transaction process against a complex series of email verifications, passwords, encrypted data, and more. Fingerprints are used with a combination of other tools such as an iris camera or voice recognition. Fingerprint is the impression of the friction ridges of part or all of the finger, it takes very little time to register with the fingerprint scanning system, fingerprint is a unique identification code unique to each individual and most people are familiar with the use of fingerprints for identification purposes.

The fingerprint reader is round and flat, it is very convenient to swipe or press the finger, the main advantage of this type of security fence is that the biometric used belongs to one person and cannot be changed, except for the field. surgery or accident, making them unique and non-reproducible. Biometric devices are very important in business dealing with a lot of money to access confidential customer or company information, these devices can be mounted at the entrance of valuable information, whether at the entrance or on the laptop.

2.0 PRODUCT OR SERVICE DESCRIPTION

2.1 Product Details

In today's society, people want to employ simple and useful technologies in their daily lives. Digital technology improvements can assist increase efficiency and promote innovation. Our company provides technology-based products that are convenient and benefits for riders to use. This is because; nowadays motorcycles are frequently stolen and dismantled by thieves. Due to that, our company come out with the product known as the GoScan. This product is designed specifically for riders, who are usually riding their motorcycle with purposes. This instrument, in addition to being useful and convenient for riders, provides variety of functions such as security and self-recognition.

Name	GoScan
Price	RM 160.00
Size	(L x W x H) : 7 x 3 x 2.5 cm / 2.8 x 1.2 x 1 inches
Package Weight	0.05kg

NO	ITEMS	QUANTITY	PRICE PER UNIT (RM)	TOTAL PRICE (RM)
1	Relay 12v 5pin	3	5.00	15.00
2	In4007	3	0.20	0.60
3	1/4w 1k	3	0.10	0.30
4	2 way connector	1	1.20	1.20
5	3 way connector	1	1.40	1.40
6	7805	2	1.70	3.40
7	Arduino nano	1	28.00	28.00
8	Fingerprint scanner	1	110.00	110.00
TOTAL				159.90

Table 1 Specification of Product