



Implementation Fingerprint on iPhone

4SC3 / Group 4 :

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AGENDA

1. What is Fingerprint Security?
2. What are The Types of Fingerprint Security?
3. Definition of Touch ID
4. The Technology behind Touch ID
5. Advantages and Disadvantages of Touch ID
6. Conclusion and Suggestion



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What is Fingerprint Security?



2

What are The Types of Fingerprint Security

Types of Fingerprint Security

1. **Optical Fingerprint**
2. **Capacitive Fingerprint**
3. **Ultrasonic Fingerprint**

An optical sensor.

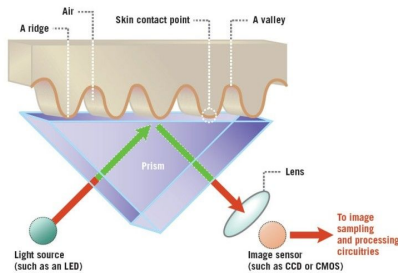
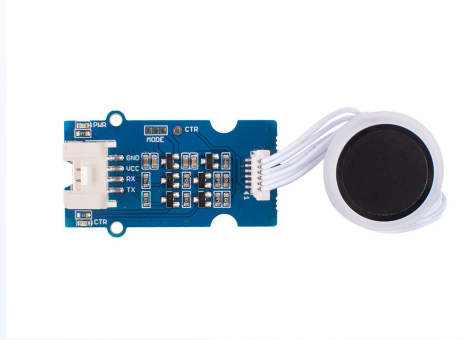


Figure 2



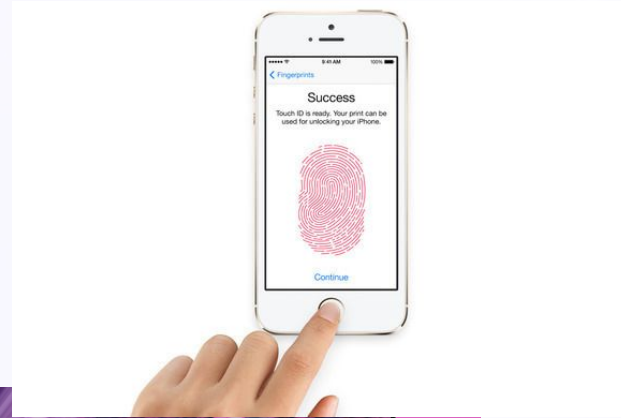


3

What is Touch ID?

Touch ID

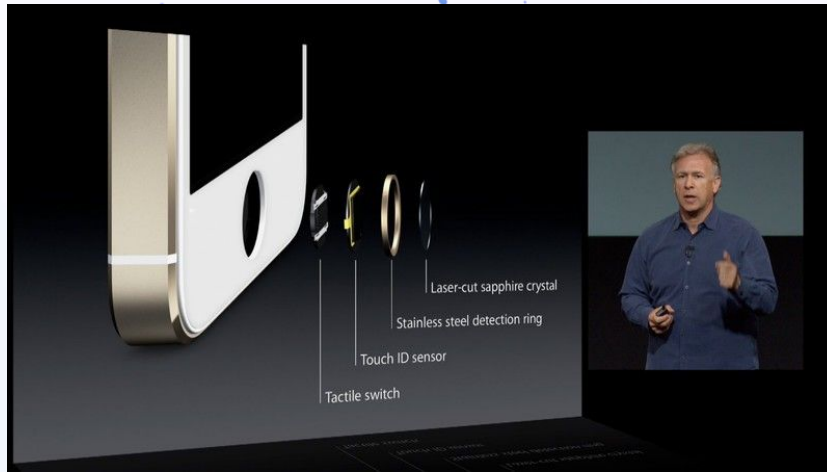
Touch ID is a fingerprint reader on newer iPhone devices that enables users to quickly sign in to their device as well as authorize transactions without needing to enter a passcode.





4

The Technology behind Touch ID



A sensor sits beneath the sapphire crystal home button or power button, depending on the Touch ID device you have, and the home button or power button double as a lens, allowing the sensor to focus on your fingerprint.



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The Implementation Fingerprint on iPhone



How to Set up Touch ID





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Advantages and Disadvantages of Touch ID

Advantages and Disadvantages of Touch ID

- 1. Secure**
- 2. Ease of use**
- 3. Non-transferrable**

- 1. System failures**
- 2. Cost**
- 3. User Exclusions**



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Conclusion and Suggestion



Thank you