

2A.

- THE COMPUTING INNOVATION THAT IS REPRESENTED BY MY COMPUTATIONAL ARTIFACT IS TOUCH ID/ FINGERPRINT RECOGNITION.
- THE PURPOSE OF FINGERPRINT RECOGNITION IS TO MAKE IT EASIER TO ACCESS YOUR PHONE AND ALL YOUR BELONGINGS. IT MAKES IT EASIER TO PURCHASE STUFF AND ALSO MEANS YOU DON'T HAVE TO PUT IN YOUR PASSWORD EVERY SINGLE TIME.
- I GUESS THE PURPOSE IS TO PROVIDE EASY SECURITY. IT SHOWS BECAUSE EVEN IF YOU HAVE A FINGERPRINT YOU STILL NEED A PASSWORD. ALSO IF YOUR FINGERPRINT DOESN'T WORK 5 TIMES IN A ROW YOU HAVE TO INSERT YOUR PASSWORD TO ACCESS YOUR PHONE.

2B.

- FIRST I DID RESEARCH ON MY ARTIFACT. I LOOKED AT MULTIPLE SITES AND CHOSE THE THREE BEST OPTIONS FOR THIS PROJECT IN MY EYES. THEN I LOOKED AT PICTURES THAT SHOW THE LAYERS OF THE TOUCH ID AND WHAT IT LOOKS LIKE WHEN SOMEONE USES IT. I ALSO TOOK QUOTES AND THE TEXT FROM THE SITES AND PASTED THEM IN MY ARTIFACT SINCE I CAN'T TURN THOSE WORDS INTO MY OWN (TO DIFFICULT). I ALSO COLOR CODED THE IMPORTANT FACTS FROM THE FUN FACTS.

2C.

- ONE BENEFICIAL EFFECT OF TOUCH ID IS IT PROVIDES A SECURE TO YOUR PHONE'S WHILE PROVIDING QUICK ACCESS. ONE HARMFUL EFFECT THAT IT HAS THE POTENTIAL TO HAVE IS FOR ONE PEOPLE CAN RELY ON TOUCH ID TO THE POINT THEY CAN FORGET THEIR PASSWORD. ANOTHER IS THAT IT WAS REPORTED YOUR FINGERPRINT CAN IN FACT BE HACKED USING A PRINTER, WHICH CAN BE SCARY. IT CAN CAUSE SOME PROBLEMS IN THE WORLD BECAUSE IT IS EASY TO GET INTO SOMEONES PHONE IF YOU JUST HAVE THEIR FINGERPRINT.

2D.

- "FINGERPRINT DATA IS STORED ON THE SECURE ENCLAVE INSIDE THE APPLE A7, A8, A8X, A9, A9X, A10, A10X OR A11 PROCESSORS OF AN IOS DEVICE AND NOT ON APPLE SERVERS, NOR ON ICLOUD."
- I AM HONESTLY NOT SURE WHAT THIS QUESTION IS ASKING.
- ONE SECURITY CONCERN IS THAT SOME APPLE ID SCAMMERS USE OTHER PEOPLES FINGERPRINTS TO STEAL MONEY THROUGH APPS THEY CREATED. IN DECEMBER OF 2018 THIS ARTICLE WAS POSTED : [HTTPS://WWW.ENGADGET.COM/2018/12/04/APP-STORE-SCAMMERS-TOUCH-ID/](https://www.engadget.com/2018/12/04/app-store-scammers-touch-id/) THE SCAMMERS WOULD USE FITNESS CALORIE APPS AND SUCH TO STEAL MONEY WHEN IT ASKED THE VICTIMS TO SECURE THEIR PERSONALIZED DIET DATA, A POP-UP WOULD APPEAR SHOWING A PAYMENT FOR \$119.99.

2E.

[HTTPS://SUPPORT.APPLE.COM/EN-US/HT204587](https://support.apple.com/en-us/HT204587)

AUTHOR: APPLE

TITLE: ABOUT TOUCH ID ADVANCED SECURITY TECHNOLOGY

SOURCE: APPLE

DATE RETRIEVED: MARCH 18TH

POSTED: SEPTEMBER 11, 2017

[HTTPS://WWW.MACWORLD.COM/ARTICLE/2048514/THE-IPHONE-5S-FINGERPRINT-READER-WHAT-YOU-NEED-TO-KNOW.HTML](https://www.macworld.com/article/2048514/the-iphone-5s-fingerprint-reader-what-you-need-to-know.html)

AUTHOR: RICH MOGULL

TITLE: THE IPHONE 5S FINGERPRINT READER: WHAT YOU NEED TO KNOW

SOURCE: MACWORLD

DATE RETRIEVED: MARCH 15TH

POSTED: SEPTEMBER 10 2013

[HTTPS://WWW.IMORE.COM/HOW-TOUCH-ID-WORKS](https://www.imore.com/how-touch-id-works)

AUTHOR: RENE RITCHIE

TITLE: HOW TOUCH ID WORKS: MAKING SENSE OF APPLE'S FINGERPRINT IDENTITY SENSOR

SOURCE: IMORE

DATE RETRIEVED: MARCH 15TH

POSTED: SEPTEMBER 14 2013

[HTTPS://WWW.NYTIMES.COM/2017/04/10/TECHNOLOGY/FINGERPRINT-SECURITY-SMARTPHONES-APPLE-GOOGLE-SAMSUNG.HTML](https://www.nytimes.com/2017/04/10/technology/fingerprint-security-smartphones-apple-google-samsung.html)

AUTHOR: VINDU GOEL

TITLE: THAT FINGERPRINT SENSOR ON YOUR PHONE IS NOT AS SAFE AS YOU THINK

SOURCE: NEW YORK TIMES

DATE RETRIEVED: MARCH 29TH

POSTED: APRIL 10 2017