Secure Case Samartha K V, Monisha Raja, Tanik R

Interviews:

Name: Supreetha K V

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Age: 21

Background: Finance and Accountancy

1. How many people you know, in your family, or friends, have mobile phones with/without fingerprint scanners?

Many people have a fingerprint enabled phone nowadays. Even phones as cheap as \$100 have fingerprint sensors. The market may not be as large as initially anticipated. 3 in 6 people have iphones. 6 in 10 people have fingerprint enabled phones.

- 2. How many people you know actually use it(Some people might still use PIN or PW)?

 Some people are even lazy to use the PIN and PW techniques. They leave their phones unsecured.
- Do you know which phones are coming up with this technology and which already have it? How
 do you feel our product might impact the market?
 Samsung S6, HTC, Iphones, all have this technology, along with other minor brands which are
 releasing such phones starting 2017.
- 4. Would you buy a new phone or would you like to upgrade your existing phone in terms of new technology?
 - I would upgrade my phone if the secure case provides other cool features such as GPS, and any more functionality.
- Would you think that a case which is "smart" can help stop mobile phone thefts?
 To some extent I would agree, but unfortunately when you are passed out somewhere, you might be robbed easily.
- 6. Would you agree that a smart case or phones having fingerprint reader provide way faster access to the user than the previous PIN and PW mechanisms?
 - Yes, it provides the way faster access. It might motivate them to use secure mechanisms while using their phones.
- 7. What price would you be willing to shed on this device? Nowadays in most countries one can buy fingerprint enabled phones for as less as \$70. But would that be enough to stop theft, or is the SCase a good solution instead?
 - In a country like India, people would not spend more than \$30 for any case. To demotivate people from stealing it might be a good option in a country having high theft rates.

8. Do you think such a high level of security is unnecessary?

As long as it doesn't hinder the regular processing of tasks, it should be a decent product. Must have minimal steps for using it.

What other ideas do you have to solve this problem of theft?
 It should be connected always, should be able to control security features.

Name: Kavyah Kumar

Contact: kavyah_kumar@student.uml.edu

Age: 23

Background: Computer Science Graduate

 How many people you know, in your family, or friends, have mobile phones with/without fingerprint scanners?
 Majority of them have (3/3)

2. How many people you know actually use it(Some people might still use PIN or PW)? People from the older generation usually avoid using the in-built fingerprint security since it is very complicated for them. The latter generation and the upcoming once uses this technology as per their affordance level.

3. Do you know which phones are coming up with this technology and which already have it? How do you feel our product might impact the market? Fingerprint security is an existing concept, but embedding it in a phone case is something new. I think this will increase ease of use without compromising security.

4. Would you buy a new phone or would you like to upgrade your existing phone in terms of new technology?

I would like to upgrade since it is cheaper than buying a new phone.

- 5. Would you think that a case which is "smart" can help stop mobile phone thefts? Yes, I definitely think it could stop thefts.
- 6. Would you agree that a smart case or phones having fingerprint reader provide way faster access to the user than the previous PIN and PW mechanisms?

Yes, definitely. I also think it will make it easier to use this security measure instead of fiddling with the phone settings.

7. What price would you be willing to shed on this device? Nowadays in most countries one can buy fingerprint enabled phones for as less as \$170. But would that be enough to stop theft, or is the SCase a good solution instead?

Scase is a very good solution. I think I would spend up to 30\$ to 50\$ depending on the phone I own for the case.

8. Do you think such a high level of security is unnecessary?

Security is always a good option to have , specially for phones since they can be stolen very easily.

What other ideas do you have to solve this problem of theft?
 I don't really have an idea on this since I never thought about it actively. But I think Scase is a very good solution.

Name: Frida Pipaliya

Contact: frida pipaliya@student.uml.edu

Age: 21

Background: Undergraduate Chemical Engineering

1. How many people you know, in your family, or friends, have mobile phones with/without fingerprint scanners?

Almost all the people I know have this feature on their phone, around 7.

- 2. How many people you know actually use it(Some people might still use PIN or PW)? But only around 4 out of 7 use it.
- 3. Do you know which phones are coming up with this technology and which already have it? How do you feel our product might impact the market?
 I am aware of few cell phones with fingerprint technology, but I am not aware of any case that has

this similar technology. I think it would be helpful to have such technology.

4. Would you buy a new phone or would you like to upgrade your existing phone in terms of new technology?

Yes, absolutely upgrade to scase.

- 5. Would you think that a case which is "smart" can help stop mobile phone thefts? I think having a 'smart' case might reduce the phone thefts.
- 6. Would you agree that a smart case or phones having fingerprint reader provide way faster access to the user than the previous PIN and PW mechanisms? It is similar to having PIN. It is more safer though!
- 7. What price would you be willing to shed on this device? Nowadays in most countries one can buy fingerprint enabled phones for as less as \$70. But would that be enough to stop theft, or is the SCase a good solution instead?

I would be willing to pay about \$30 - \$40

- 8. Do you think such a high level of security is unnecessary? Yes, I think having a Scase is overrated.
- 9. What other ideas do you have to solve this problem of theft?

 Introducing more security in the phone itself might resolve the problem of theft.

Name: Deepthi Sudhirkeni

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Age: 23

Background: Biotechnology Graduate

1. How many people you know, in your family, or friends, have mobile phones with/without fingerprint scanners?

Around 5 people, all have fingerprint enabled phones.

- How many people you know actually use it(Some people might still use PIN or PW)?Only around 2 use it.
- 3. Do you know which phones are coming up with this technology and which already have it? How do you feel our product might impact the market?

Almost all phones today have fingerprint technology and all the phones coming up also have the technology. Your product should have some improvised technology or else it won't have any impact in the market.

4. Would you buy a new phone or would you like to upgrade your existing phone in terms of new technology?

I would buy a new phone

5. Would you think that a case which is "smart" can help stop mobile phone thefts?

6. Would you agree that a smart case or phones having fingerprint reader provide way faster access to the user than the previous PIN and PW mechanisms?

Yes

7. What price would you be willing to shed on this device? Nowadays in most countries one can buy fingerprint enabled phones for as less as \$70. But would that be enough to stop theft, or is the SCase a good solution instead?

I wouldn't mind shelling out even \$100 on this product if it is highly secure.

8. Do you think such a high level of security is unnecessary? No, High level security is required.

What other ideas do you have to solve this problem of theft? Nothing.

Name: Nathan Perry

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Age: 25

1. How many people you know, in your family, or friends, have mobile phones with/without fingerprint scanners?

10 with fingerprint and 2 without fingerprint scanners.

- 2. How many people you know actually use it(Some people might still use PIN or PW)? Not many people leave it unused.
- 3. Do you know which phones are coming up with this technology and which already have it? How do you feel our product might impact the market?
 Lot of people are care about what the security provides, so secure case will be really good.
- 4. Would you buy a new phone or would you like to upgrade your existing phone in terms of new technology?

Yeah I would like to upgrade it, because the phones are quite expensive, especially the ones which has fingerprint scanner.

- 5. Would you think that a case which is "smart" can help stop mobile phone thefts? Yes, especially the one with the fingerprint GPS
- 6. Would you agree that a smart case or phones having fingerprint reader provide way faster access to the user than the previous PIN and PW mechanisms?

 Yes I would agree.
- 7. What price would you be willing to shed on this device? Nowadays in most countries one can buy fingerprint enabled phones for as less as \$70. But would that be enough to stop theft, or is the SCase a good solution instead?

 Around \$50 will be good, if it crosses \$100 I would not think about it.
- 8. Do you think such a high level of security is unnecessary?

 A lot of people would like to keep things safe in the phone, so it is necessary.
- 9. What other ideas do you have to solve this problem of theft? I think the fingerprint GPS will be able to solve this.