Object-Oriented Analysis and Design Laboratory

Session 1: Project Planning

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Lab Activities:

1.) and 2.) Interview questions and answering question:

1.) What is the main purpose of the application?

- This application gives the comfortable in financial transactions for users. Users must not bring the money to go to shop. They need only smart phone for paying.

2.) What is the feature makes the application different from others? why?

- The main feature is connecting all bank accounts, users can connect their bank accounts to this application to pay, shop, or create financial transaction. The amount of money that pay by user will deduct in their accounts. On the other hand, this application does not support credit card. Moreover, there are promotions offer for users which from shop partners.

3.) What is the group of people for this application?

- Normally, everybody who uses smartphone is the group of people for this application. On the other hand, project owner believes that users who are below 18, they should not allow to use this application. Therefore, everybody are the users of this application except who are below 18.

4.) What will users receive from this application?

- Users will receive the comfortable in financial transaction, users do not need to hold the money. Moreover, the discount offers from shop partner.

5.) How does the application work? (Flowchart, diagram, user routine.)

- Firstly, user must choose the account for each payment, then the screen will display the confirmation for financial transactions including items and cost. Finally, users accept, so the trade is complete.

6.) What is the necessary feature of application? Why?

- There are connecting to bank accounts, and trading by scanning QR code.

7.) When do I finish this application?

- 1 year

8.) Are there any features that project owner need in this application? (In Present or future)

- None

9.) What are the platform that the application work?

- Mobile application (IOS, Android, etc.)

10.) What are the banks that go along with this application? Can user pay with another application like paypal?

- All banks are going along with this application. Users can connect to other financial transaction application such as paypal.

11.) How do you prevent cheating?

- There are 3 security phases for this application to prevent user uses the other's accounts. There are face scanning or fingerprint scanning before entering to the application, choosing accounts, and before any financial transaction.

12.) Is this non-profit application? If not, how do you take the profit from this application?

- No, it is not. This application takes the monthly payment and advertisement cost from shop partners.

13.) Are there any functions that confirm the user is the real user?

     - There are face scanning and fingerprint scanning.

14.) when paying something how to pay?

     - Scanning QR code.

15.) How user register to this application?

     - They can register normally by giving the information such as name, email, and contract. Moreover, they can login by other account such as facebook, or gmail.

16.) How to confirm user information?

     - There is the process to check the information that user register to this application check with the bank accounts or other applications.

17.) How shop partner register to this application?
     - They must send an email to the staff who has responsibly with this job.

18.) How to confirm the shop partner?
     - Shop partner must apply to the project owner's staff individually

19.) Are there any promotions to attract users?
     - Yes, there are.

20.) Is it has limit the amount of money for payment, like 20000 per time, 100000 per day?
     - Yes, it is. User can turn this function on or off and can manage its limit.

21.) Does this application collect the history of financial transaction?
     - yes, it does. There is seller, buyer, time, amount of money, items, and etc.

22.) Can user trade with other users?
     - Yes, he can. This application should have user trade user function.

23.) Do I have to create the hardware part such as scanner for QR code?
     - Yes

3.) System Features:

1.) Financial transaction such as trading, payment, and shopping.

2.) Generating QR code to recognize each user.

3.) Connecting bank accounts or other financial transaction application.

4.) Promotion

5.) Confirmation before using application and financial transaction.

6.) Keep financial transaction history.

7.) Managing limitation of the amount of money.