Object-Oriented Analysis and Design Laboratory Session 2: System Requirements List

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1.) Interview Summary:

The main purpose of this application is give the comfortable in financial transaction to user. User can connect their bank account and/or other transaction applications to pay everything on this application. User will not necessary to bring his money when go to shop, he need only a smart phone. Moreover, the shops which register to be shop partner, they are given the scanner to scan QR code to easy to pay.

System Feature:

- 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.
- 8.) Security of the system
- 9.) Login system

2.) List of System Requirement:

Requirement	FURPS+ Category
-User must login before using the application	Function

the application -User must confirm his bank account via the system's sms -User can edit the user's information -System must confirm the user by fingerprint detection to authenticate using the application -System must confirm the user by fingerprint or face detection to authenticate before financial transaction -System must seen the history of financial transaction -System must keep the history of financial transaction -System must keep the history of financial transaction -System must keep the history of financial transaction -System must show the promotion advertisement function to user when the smart phone is connecting Wi-Fi -System must show the promotion advertisement function transaction when the server crashes -The application must need the authentication to use when no one uses it more than 3 minutes -The system must generate QR code for each user accounts -User can choose language to display in this application -There is the instruction for new user -Usability -System can recovery in less than a minute when the system can recovery in less than a minute when the system can back up the payment transaction in the smart phone -The application uses the memory less than 500 performance -The application uses less battery -System can back up the payment transaction history every month -The application uses less battery -System can use data from the QR code scanner -System supports remote maintenance -System can use data from the QR code scanner +	-User must register a bank account before using	Function		
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