**Wrap-Up Activity: Decode the Client Brief**

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| **Reminders for Learners**   * Read the PayWise scenario carefully before answering. * Answer clearly and completely. * Follow the modeling format taught in class. * Save and submit your work in this filename format:  📁 Lastname\_PayWiseBrief.pdf * Upload your file to the shared class folder before the deadline. * You may use any of the diagramming tools we discussed in class, or choose any tool you’re comfortable with to create your diagram. * **Be prepared to discuss your output and answers to the reflection questions during the debrief session.**   **Time Limit: 40 mins** |

**Objectives**

By the end of this activity, the learner should be able to:

* Identify and justify appropriate techniques for gathering system requirements
* Analyze a real-world scenario to extract meaningful user/system requirements
* Construct a basic Use Case Diagram or DFD Level 0 based on a case study
* Reflect on the connection between requirement gathering and system design

**Scenario: “PayWise” — The New E-Wallet on the Block**

A startup fintech company wants to launch **PayWise**, a mobile e-wallet app similar to GCash. Currently, their payment and transaction process is done manually — users fill out a Google Form to send or receive money, and staff manually verify transactions and reply via email. Payment confirmation can take up to 24 hours.

Their goal is to **automate the entire process**, allowing users to register, verify their identity, send/receive money instantly, and view transaction history — all from the app. They also want merchants to use QR codes for easy payment acceptance.

You are hired as a **Junior Analyst** to help gather system requirements and propose a basic system model to guide the development.

**Your Tasks**

**1. Choose and Justify Techniques**

Select **2** techniques you would use to gather more information for this system.  
 ✅ Interview  
 ✅ Document Review  
 ✅ Observation  
 ✅ Questionnaire  
 ✅ Joint Application Design (JAD)

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| Write why you selected these two. How will each help in this case?  I will choose the Interview and Document Review  Why did I choose these two? I chose interview so that I can ask questions freely and gather a more specific answer or information regarding to the clients need and I chose Document review for a deeper search and I can review it anytime and compare it to the interview. |

**2. Draft Requirements**

Write **at least 5** requirements using the following format:

* The user must be able to \_\_\_
* The system must automatically \_\_\_

Draft Requirements:

1. The user must be able to send/receive money instantly or ASAP
2. The system must accept QR codes for easy transaction
3. The system must be able to verify the users if they already have an account or not
4. The user must be able to view their transaction history from the app
5. The user must be able to register and create their account for the app

**3. Model the System**

Choose **one** of the following modeling techniques:

* **Use Case Diagram** – show actors like "User", "Admin", "Merchant", and their actions
* **DFD Level 0** – illustrate data flows (e.g., Register, Send Money, QR Payment, etc.)

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| A screenshot of a computer screen  AI-generated content may be incorrect.Draw and label clearly. You may hand-draw and scan or use a digital tool. |

**4. Reflection Questions**

a. Which part of the activity was most challenging?

b. Why is choosing the right requirement-gathering technique important?

c. How does modeling help communicate system design to developers?