**CMPS310 Software Engineering**

**MileStone1 - Software Requirements Analysis**

**B51 Group 3**

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**Explain which of these two you prefer best to analyze a system and why (*5%*).**

We prefer the Data **DFD** because it is more detailed. It allows us to see how the system interacts with every entity (actor) in the iQVR system. Additionally, it shows how data moves from the source (actor), is transformed by each process, and is stored. With the DFD, we can also see how the system manages the database.

As for the **Use Case** diagram, while it summarizes the use cases for each actor, we find it to be too general. It does not show the specific movement of data or how it is transformed within the system unlike the DFD.

**Explain briefly how you applied design principles in your class diagram. In your explanation, give examples from your class diagram (*5%*).**

**Assumptions**