**Luca<**

**To create our project with a comprehensive database system. We have followed several methods and techniques:**

**First) We start by**

**Requirements Gathering**

**We are identifying the specific requirements of our system. This involves understanding the key features, functionalities, and data entities we need.**

**Then**

**We create an Entity-Relationship diagram to define the entities and relationships within our system.**

**Next step is to design the database schema using a suitable database management system such as MySQL. We create tables for each entity, including the necessary attributes. Important here is to define the primary keys, foreign keys, and any constraints required to maintain data integrity.**

**The last but one of the most Important parts of this project is documentation. This documentation will be valuable for:**

**future maintenance,**

**system enhancements,**

**and collaborations with other developers and user**

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**On our data dictionary, we document all our component of our database system and provides detailed information. It serves as a reference guide for understanding the structure, organization, and attributes of the data.**

**As easier as my explanation we can already see that we have 9 entities from this table with entities name followed by attribute and its name, contents, type format, requirement, the column to elaborate if this attribute is a PK or FK and the FK reference column.**

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