Team 5

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Things accomplished so far

1. Defined the scope and objectives of our project in detail: We defined the scope and objective of our project in detail, so that it would be easier for us to design our entity relationship diagram. The objective of this project is to design and implement a database management system for a pharmacy store that will improve the efficiency of operations and reduce errors. The system will be designed to meet the needs of the pharmacy store by automating the process of inventory management, order processing, and customer information management.

2. Finalized the tables and their attributes: Once we had a clear idea on the objectives of our project, we then moved on to finalizing the tables for our database. We added an additional table called insurance which will be linked to the customer's table. We also decided to not move forward with creating subtypes for the employee table (hourly employee, full time employee and contract employee). No other major changes were made apart from these. Next, we determined the attributes for each of the tables and determined their relations. To break the many to many relations, we created join tables.

3. Worked on the entity relation diagram: Lastly once the tables, their attributes and the relation among them were finalized we replicated the same on MySQL Workbench.

Things to be done

1. Finalize the ER Diagram after professor's feedback: The ER diagram is a crucial part of our database design, and we need to ensure that it accurately represents the relationships between the different entities in the system. We will carefully review any feedback that we receive from our professor and make the necessary adjustments to ensure that the ER diagram is complete, accurate, and consistent with the requirements of the project.

2. Generate data to be filled in the tables: Once we have finalized the ER diagram, we will need to create a set of data that can be used to populate the tables in our database. This data should be representative of the types of transactions and interactions that will occur in a typical pharmacy store, and it should include information about products, customers, suppliers, and employees.

3. Create tables and add data using MySQL workbench: With our data in hand, we will need to create the tables in our database and add the data to them using MySQL workbench. We will carefully consider the data types, field sizes, and other settings for each table to ensure that they are optimized for the needs of the project.

4. Answer the business questions using MySQL and based on concepts learned in the class: With our database in place, we will be able to start answering some of the key business questions(mentioned in our project proposal) that the pharmacy store might have

5. Preparing final report (documentation): Finally, we will need to document our work in a final report.