**Brief 5-Line Summary for Project Idea**

I propose to develop a **Medication Inventory System Database** as a database-driven solution for managing medications in healthcare settings such as pharmacies or hospitals. This system will track stock levels, supplier details, and expiration dates to prevent shortages and minimize waste. It will include features like automated alerts for low inventory and expiring medications, as well as support for efficient dispensing and detailed reporting. To ensure secure data management, the system will implement role-based access for pharmacists, doctors, nurses, and administrators. Through this project, I aim to demonstrate my skills in database design, SQL querying, and applying technology to real-world healthcare challenges.