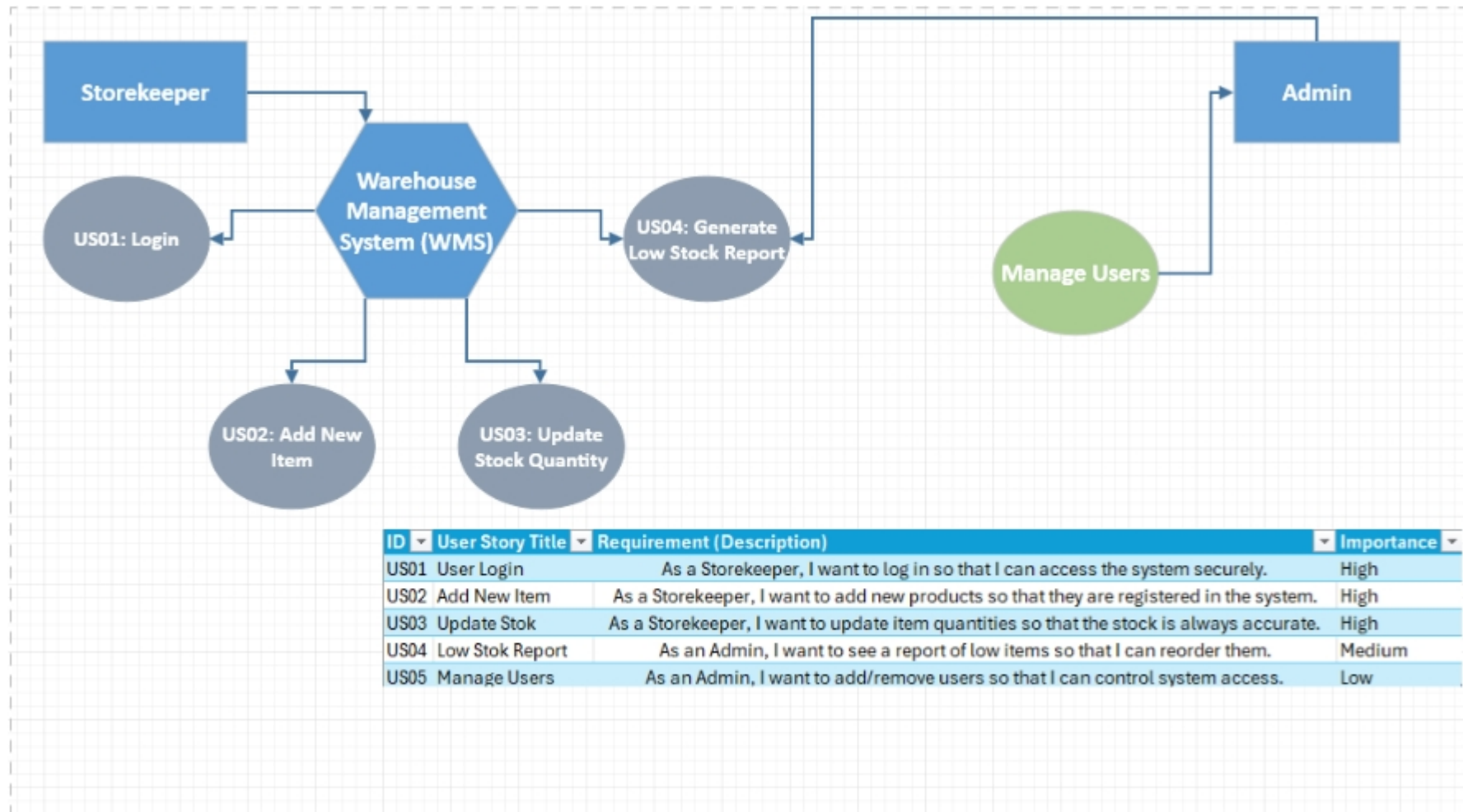
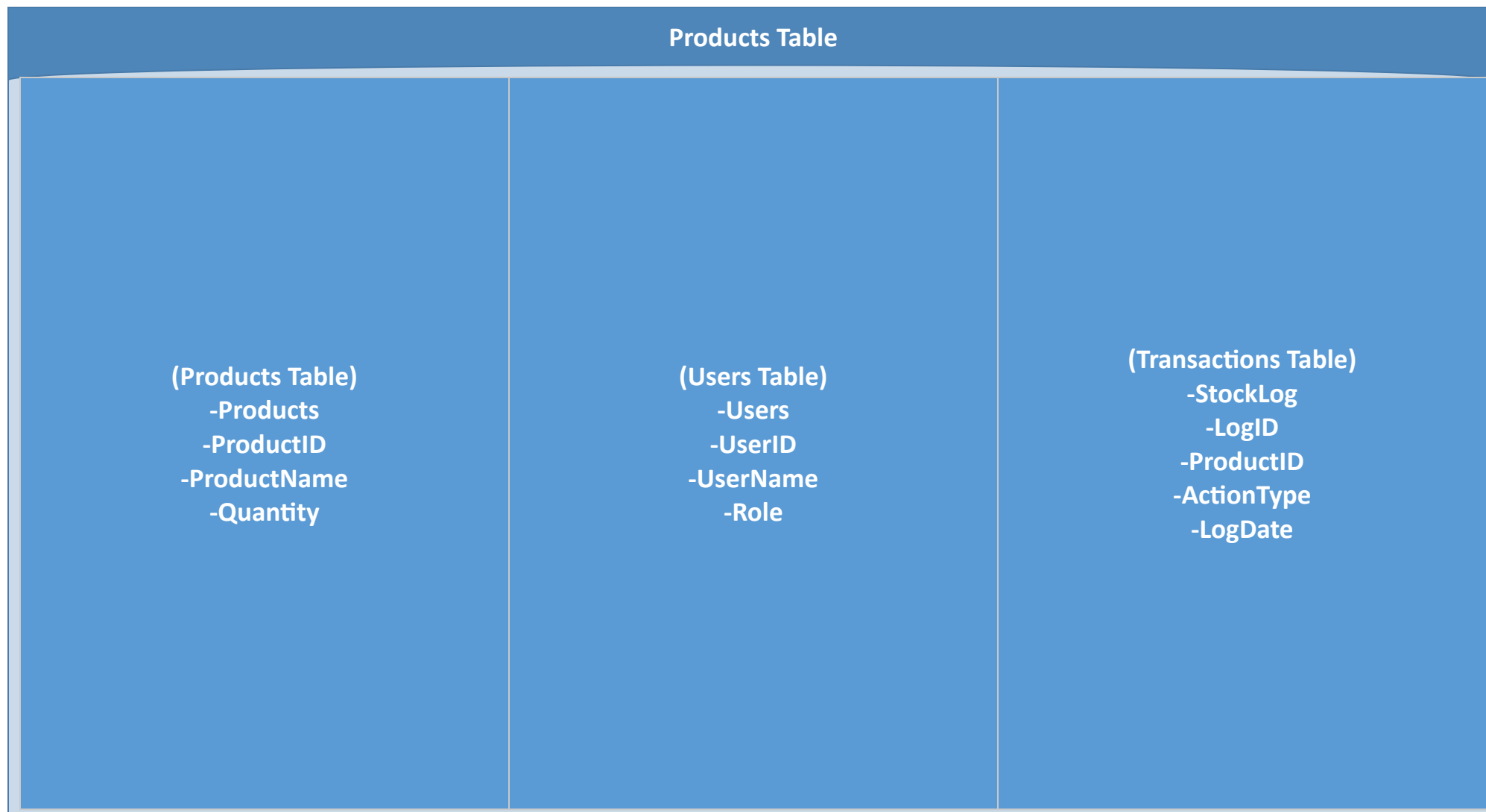


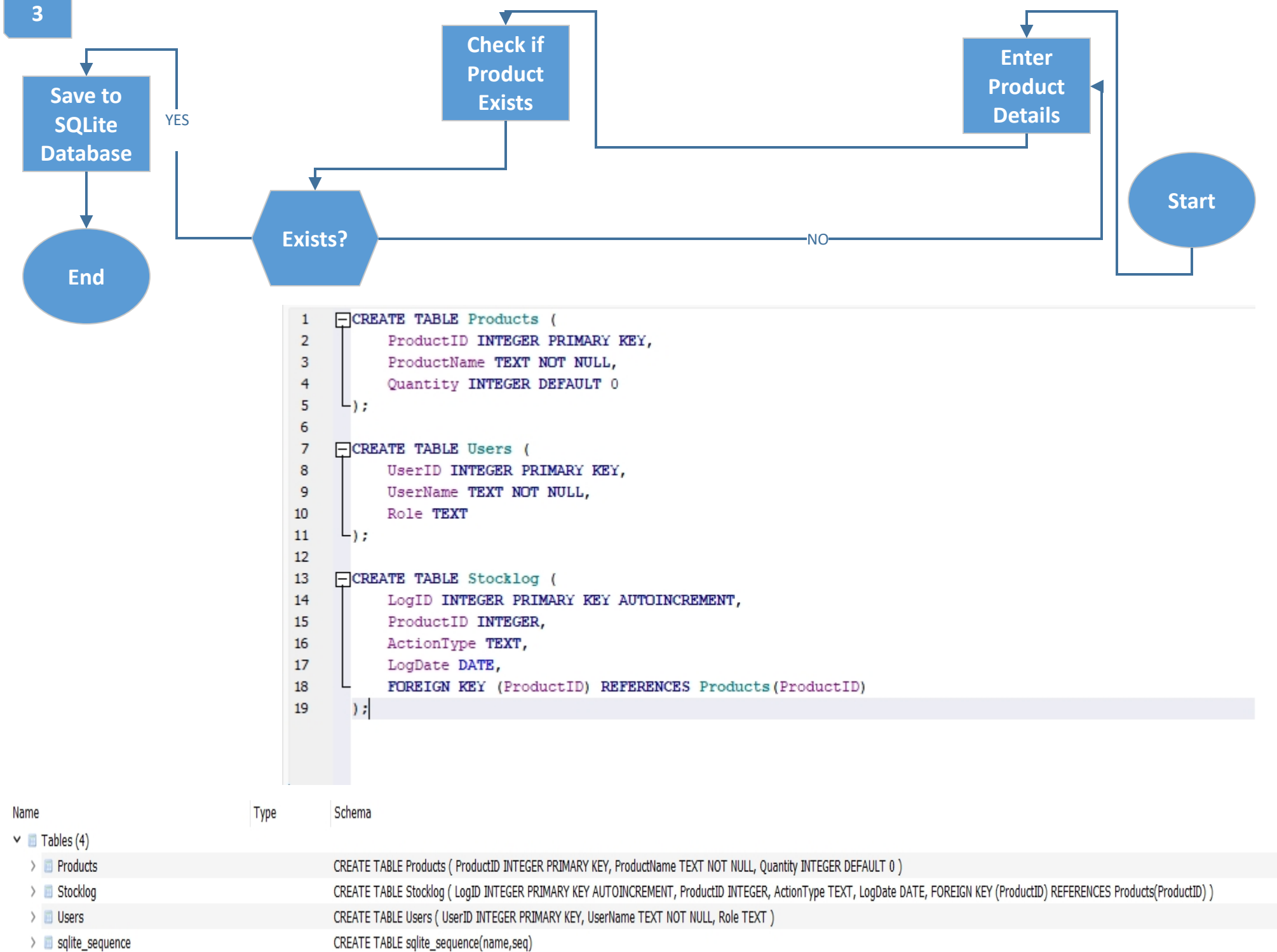
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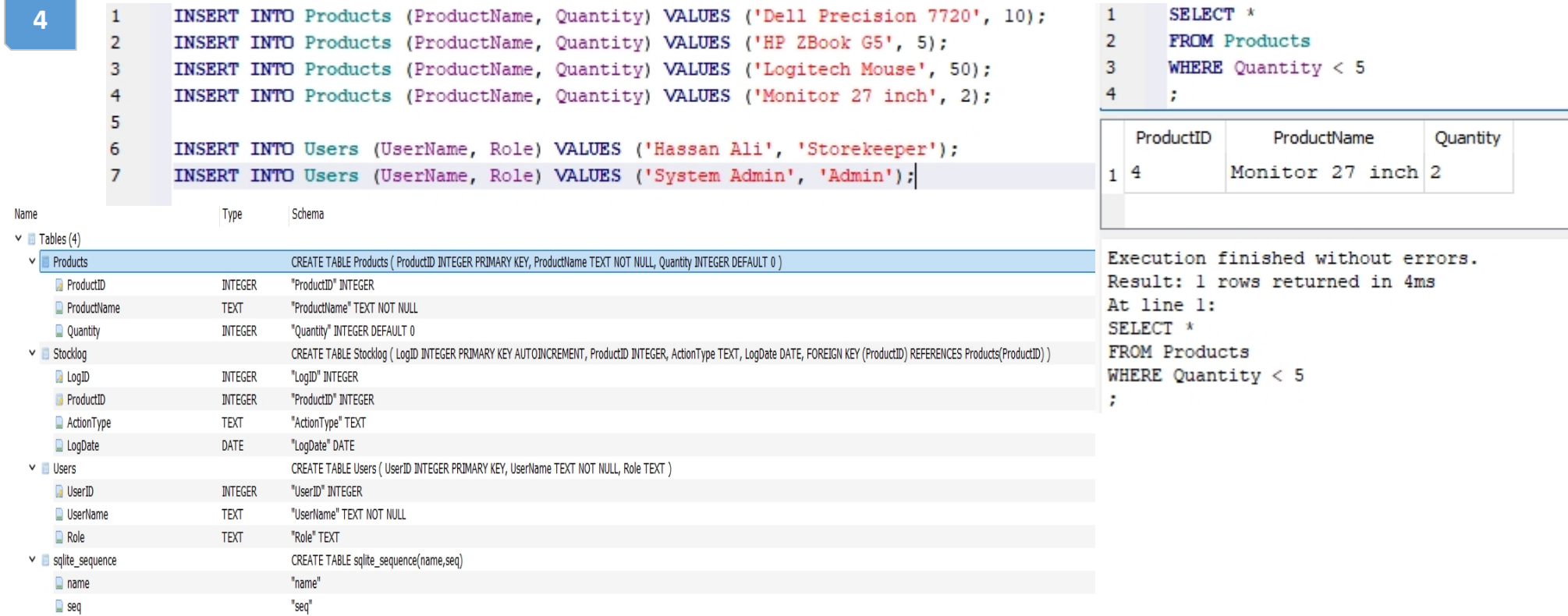
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#### Project Summary: Agile-Driven Warehouse Management System (WMS)

**Project Overview:** This project demonstrates the end-to-end development of a Warehouse Management System, starting from requirement gathering using Agile methodologies to database implementation using SQLite.

#### Key Skills Applied:

- Agile Requirements Engineering:** Created User Stories and prioritized them to define the MVP (Minimum Viable Product).
- System Modeling (Visio):** Designed UML Use Case Diagrams to define system boundaries and actor roles (Storekeeper & Admin).
- Process Mapping:** Developed Activity Diagrams to illustrate the logic of inventory operations and data flow.
- Database Design & SQL:** Translated business requirements into a relational database schema (ERD) and implemented it using SQLite.

#### Technical Execution:

- Designed a normalized database structure with tables for Products, Users, and Stock Logs.
- Implemented SQL queries for data entry and automated "Low Stock" reporting to enhance decision-making.