

Project Name: Textile Management System

Submitted by: Group no. 4

In the second week, we focused on finding possible solutions to the challenges identified in our problem statement. To address inefficiencies in **order and production management**, we designed a centralized database using **SQL** to track order status, reduce miscommunication, and improve processing speed. For **inventory management**, we planned an **automated stock-tracking system** to prevent overstocking and understocking issues. To ensure **better customer and employee management**, we structured a role-based access system (admins, customers, employees) for streamlined communication and task delegation. Lastly, we developed an initial **billing and shipment tracking module** to minimize financial discrepancies and enhance transparency. Moving forward, we will begin implementing these solutions in our system prototype.