

PROJECT DESIGN PHASE – II: DATA FLOW DIAGRAM & USER STORIES

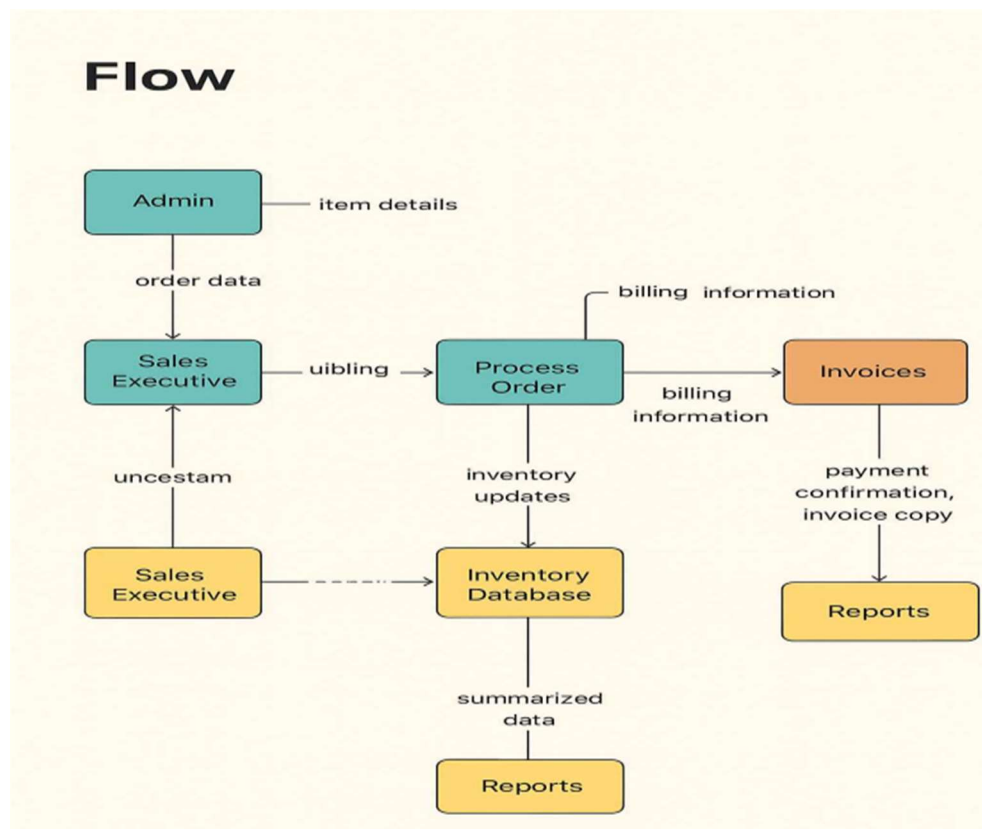
Project Details :

Date	1 November 2025
Team ID	NM2025TMID06045
Project Title	CRM Application for Jewel Management
Maximum Marks	4 Marks

Data Flow Diagrams (DFD) :

A **Data Flow Diagram (DFD)** represents the flow of information within a system. It illustrates **how data moves between processes, databases, and users**, ensuring a clear understanding of the functional structure of the project.

In the **CRM Application for Jewel Management**, the DFD visually explains how information such as **customer details, jewel inventory, orders, and transactions** are processed and managed.



User Stories :

User stories describe how different users interact with the system, focusing on their goals and outcomes.

User Type	Functional Requirement (Epic)	User Story No.	User Story / Task	Acceptance Criteria	Priority	Release
Admin	User & Product Management	USN-1	As an admin, I want to manage users and jewel inventory so that I can maintain up-to-date records.	The system should allow adding, editing, and deleting users and jewel items securely.	High	Sprint-1
Sales Representative	Customer Relationship Management	USN-2	As a sales rep, I want to add new customer leads and view their purchase history.	System must allow creating, updating, and tracking customer details easily.	High	Sprint-1
Customer	Purchase & Inquiry	USN-3	As a customer, I want to browse jewel collections and make purchase requests.	System should display available products and confirm order placement.	Medium	Sprint-2
System (Auto-check)	Workflow Automation	USN-4	As a system, I must automatically send notifications for pending orders or low stock.	Notifications should trigger automatically without admin intervention.	High	Sprint-2
Admin	Analytics & Reports	USN-5	As an admin, I want to generate sales reports and customer analytics.	Reports should be exportable and show real-time data.	Medium	Sprint-3