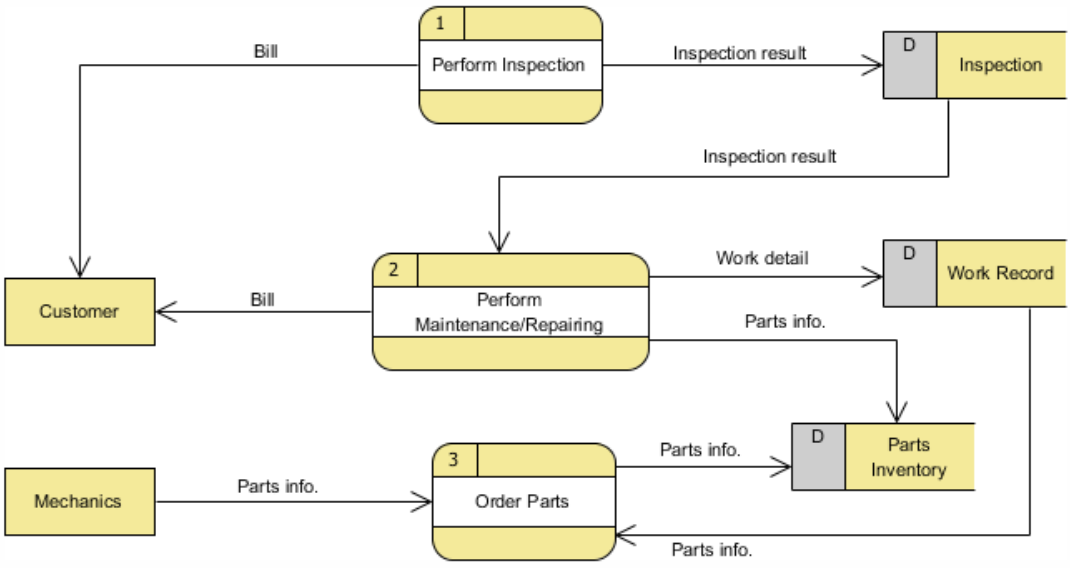
Project Design Phase-II
Data Flow Diagram & User Stories

Date	5 november 2025
Team ID	NM2025TMID04471
Project name	Garage management system
Maximum Marks	4 Marks

Data Flow Diagram

The **Data Flow Diagram** for the Garage Management System illustrates how information moves between customers, garage staff, and the system. Customers initiate the process by booking a service through a web portal or mobile app, which sends their details and service requests to the **Service Booking Module**. The system generates a **Job Card** for technicians, which is updated as the service progresses. During servicing, the **Inventory Management Module** tracks spare parts usage and updates stock levels. Once the service is completed, the **Billing Module** generates invoices, records payments, and updates the customer account.

Example:



User Stories:

s.no	User Story	Acceptance Criteria	Story Points
1	Add and manage customer profiles	Admin can add, edit, and view customer details	5
2	View assigned job cards	Job cards display service details and assigned technician	3
3	Book service online	Customer can select service type, date, and confirm booking	8
4	Track spare parts usage	Inventory updates automatically after service completion	5
5	Generate invoices automatically	Invoice generated and payment recorded after service completion	8