Project Design phase-II

Data Flow Diagram & User Stories

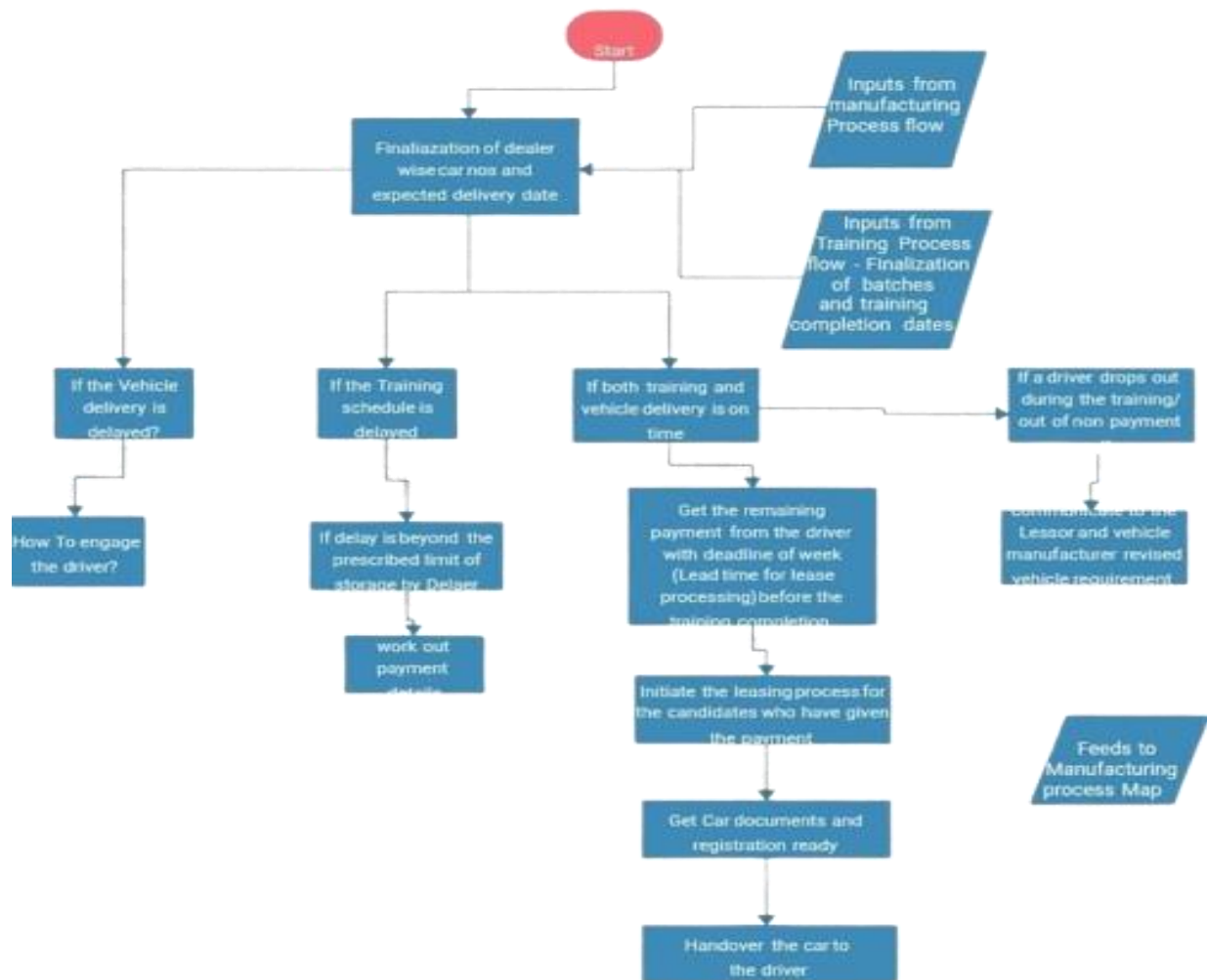| Date	02/NOVEMBER/2025
Team ID	NM2025TMID02331
Project Name	Lease Management

Data Flow Diagrams:

A Data Flow Diagram (DFD) for a Lease Management System illustrates how information moves between users and the system. The main external users include tenants, landlords, and administrators. Tenants provide details such as lease requests, personal information, and monthly rent payments, which flow into the system for processing.

Landlords submit property details, approve or reject lease applications, and receive updates about tenant activities.Administrators manage lease contracts, monitor payments, generate reports, and oversee the entire workflow.

Example:

Flow

Uses Stories:

User type	Fundamental requirement	User Story Number	User Task	Acceptance criteria	Priority
Admi/user admin	User Management	USN1	Manages user roles, permissions, and overall system configuration.	Users must only access features allowed by their assigned role.	High
Property manager	Property Management	USN2	Handles day-to-day operations, including leases, tenants, and maintenance.	Property details must save correctly and display accurate unit/occupancy information	High
Property owner	Lease Agreement Management	USN3	3.Reviews property performance and approves major lease decisions.	Lease agreements must be created, stored, and viewable without errors.	High