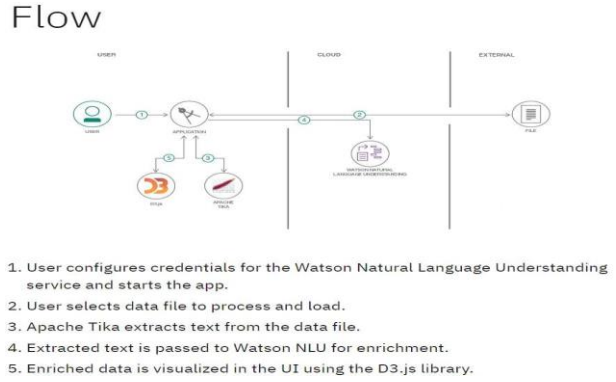
Project Design Phase-II
Data Flow Diagram & User Stories

Date	30 Jan 2026
Team ID	LTVIP2026TMIDS88779
Project Name	Online-Payments-Fraud-Detection-using-Machine-Learning
Maximum Marks	4 Marks

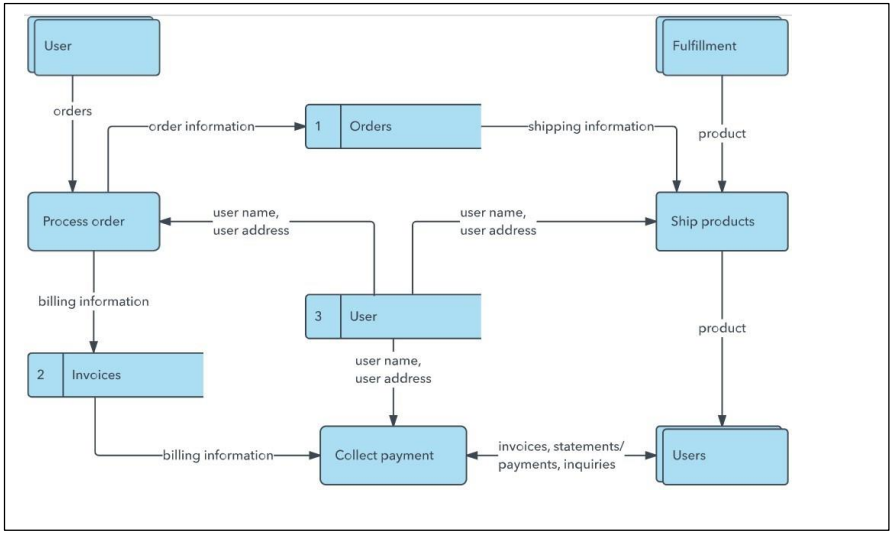
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)



Example: DFD Level 0 (Industry Standard)



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story No	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile)	Registration	USN-1	As a user, I can register using email & password.	User can access dashboard after registration.	High	Sprint-1
Customer (Mobile)	Registration	USN-2	As a user, I receive a confirmation email after registration.	User receives & verifies email.	High	Sprint-1
Customer (Mobile)	Login	USN-3	As a user, I can register using Google account.	User can login via Google.	High	Sprint-1
Customer (Mobile)	Login	USN-4	As a user, I can login using email & password.	User successfully logs in.	High	Sprint-1
		USN-5	As a user, I can reset my password if forgotten.	Password reset link is sent to email.	High	Sprint-1
Customer (Mobile)	Dashboard	USN-6	As a user, I can view predicted wind energy output.	Prediction data is displayed clearly.	High	Sprint-1
Admin	Analytics	USN-7	As a user, I can view weather parameters (wind speed, temperature, humidity).	Weather data is displayed.	High	Sprint-1
		USN-8	As a user, I can view prediction charts & graphs.	Graphs load correctly.	Medium	Sprint-2
	Alerts	USN-9	As a user, I receive alerts when wind energy production is high/low.	Notifications are delivered.	Medium	Sprint-2
Customer (Web)	Login	USN-10	As a web user, I can login securely.	User dashboard loads.	High	Sprint-1
	Dashboard	USN-11	As a user, I can view wind energy prediction reports.	Reports display correctly.	High	Sprint-1
		USN-12	As a user, I can download prediction reports.	File downloads successfully.	Medium	Sprint-2
