Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 October 2023
Team ID	591843
Project Name	Online Payments Fraud Detection Using ML
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.
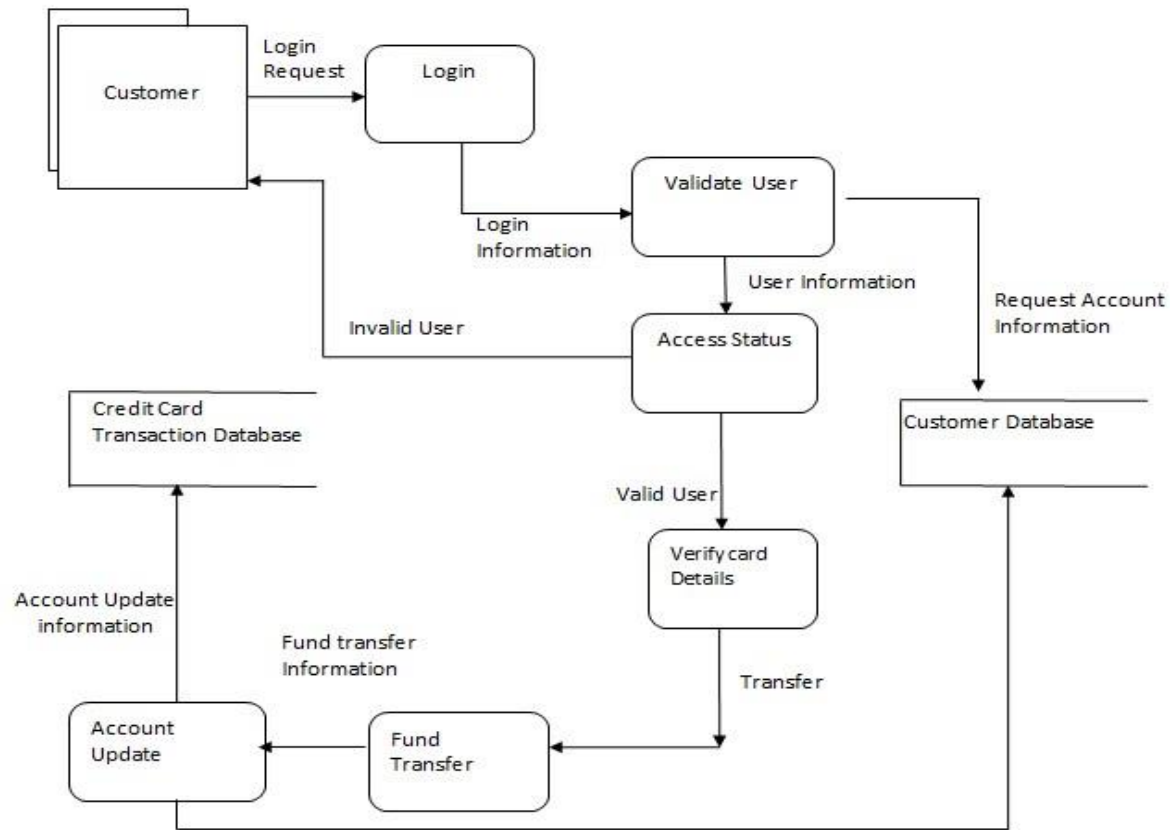
Example: DFD Level 0 (Industry Standard)

Fig 1: Online Fraud detection DFD

User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-2
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password	I can login & access the application with Gmail	High	Sprint-1
	Dashboard	USN-5	As a user, I want to input payment details on the website and receive prompt feedback on the transaction's legitimacy.	I can input details and receive feedback	Medium	Sprint-1
		USN-6	As a user, I want to view a summary of my recent transactions on the dashboard, including transaction amounts, dates, and merchant information	I can view the summary of transactions	High	Sprint-1
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-2
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password	I can login & access the application with Gmail	High	Sprint-1
	Dashboard	USN-4	As a user, I want to input payment details on the website and receive prompt feedback on the transaction's legitimacy.	I can input details and receive feedback	High	Sprint-1
		USN-5	As a user, I want to view a summary of my recent transactions on the dashboard,	I can view the summary of transactions	High	Sprint-1

			including transaction amounts, dates, and merchant information			
Customer Care Executive	Registration	USN-1	As a customer care executive, I want to assist users in the registration process, guiding them through the required steps to create a new account.	I can assist users in registration process	High	Sprint-1
	Login	USN-2	As a customer care executive, I want to have access to a secure login mechanism that allows me to log in with my credentials to access customer support tools.	I can access a secure login customer support tool	High	Sprint-1
	Dashboard	USN-3	As a customer care executive, I want a dashboard that provides an overview of customer-related metrics, such as active users, recent registrations, and common support queries.	I can have an overview of customer-related metrics	Medium	Sprint-1
Administrator	Registration	USN-1	As an administrator, I want the ability to review and approve new user registrations to maintain control over the access to the system.	I can have the ability to approve new registrations to control over access the system	High	Sprint-1
	Login	USN-2	As an administrator, I want a secure login process that includes multi-factor authentication to protect sensitive administrative functionalities.	I can have the secure login with multi-factor authentication	High	Sprint-1
	Dashboard	USN-3	As an administrator, I want a comprehensive dashboard that provides a high-level overview of system health, user activity, and any critical alerts.	I can have the high-level overview of system health, user activity, and critical alerts	High	Sprint-2