Project Design Phase-II

Data Flow Diagram & User Stories

Date	05-11-2023
Team ID	Team-592036
Project Name	Online Payments Fraud Detection Using ML
Maximum Marks	4 Marks

Data Flow Diagram:
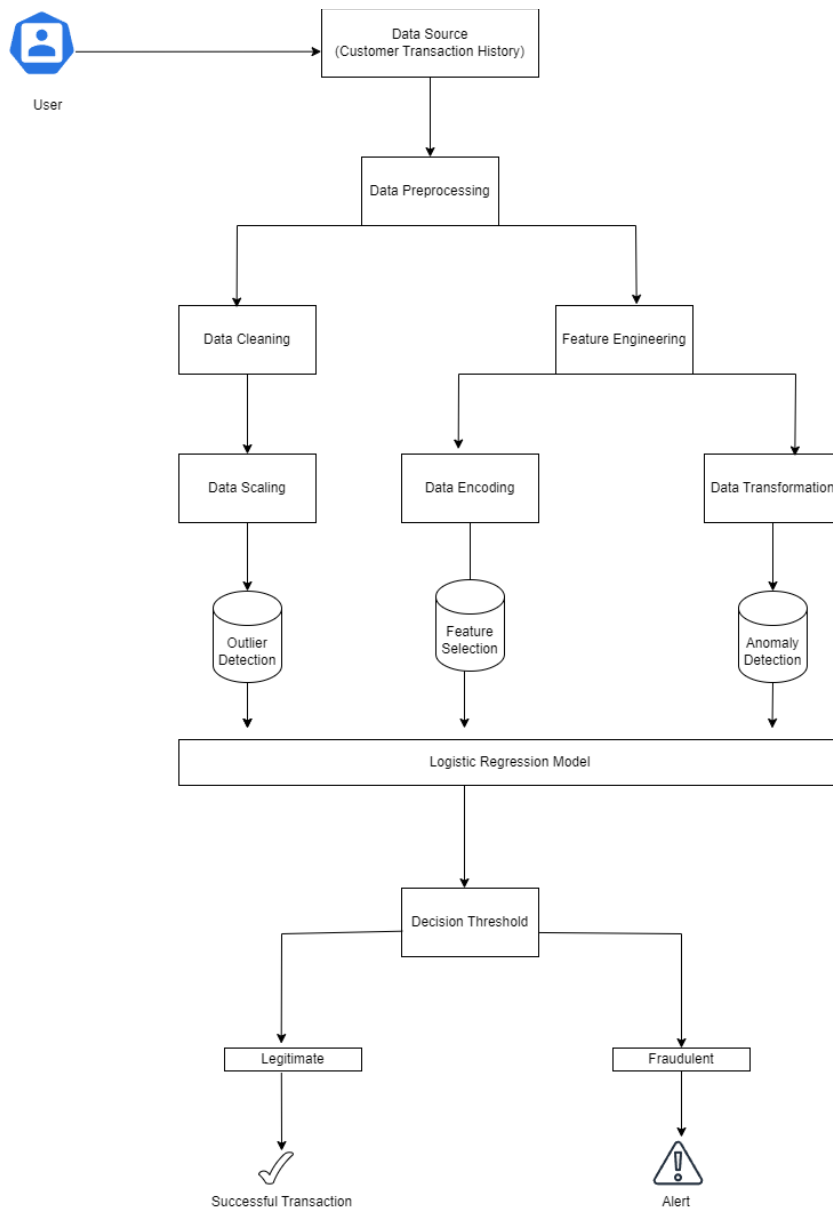
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story/ Task	Acceptance Criteria	Priority	Release
Customer	Online Payment Security	USN-1	As a customer, I want to ensure that my online payments are secure and protected from fraud.	The system should implement fraud detection mechanisms to identify and prevent fraudulent transactions.	High	Sprint-1
Customer	Fraudulent transaction reporting	USN-2	As a customer, I want to be able to report fraudulent transactions easily and quickly.	The system should provide a user-friendly interface for reporting fraudulent transactions.	Medium	Sprint-1
System Administrator	Fraud detection model training	USN-3	As a system administrator, I want to be able to train and deploy fraud detection models.	The system should provide tools for training and deploying logistic regression models for fraud detection.	High	Sprint-1
Customer	Transaction history	USN-4	As a customer, I want to be able to view my transaction history.	The system should provide a secure and easy-to-access transaction history for each customer.	Medium	Sprint-1
System Administrator	Fraud detection model monitoring	USN-5	As a system administrator, I want to be able to monitor the performance of fraud detection models.	The system should provide monitoring tools to evaluate the effectiveness of fraud detection models.	High	Sprint-2
Customer	Fraudulent transaction alerts	USN-6	As a customer, I want to receive alerts about potential fraudulent transactions.	The system should send real-time alerts to customers about suspicious transactions.	Medium	Sprint-1

System Administrator	Fraud detection model tuning	USN-7	As a system administrator, I want to be able to tune fraud detection models to improve accuracy.	The system should provide tools for tuning logistic regression models to optimize fraud detection accuracy.	Medium	Sprint-2