

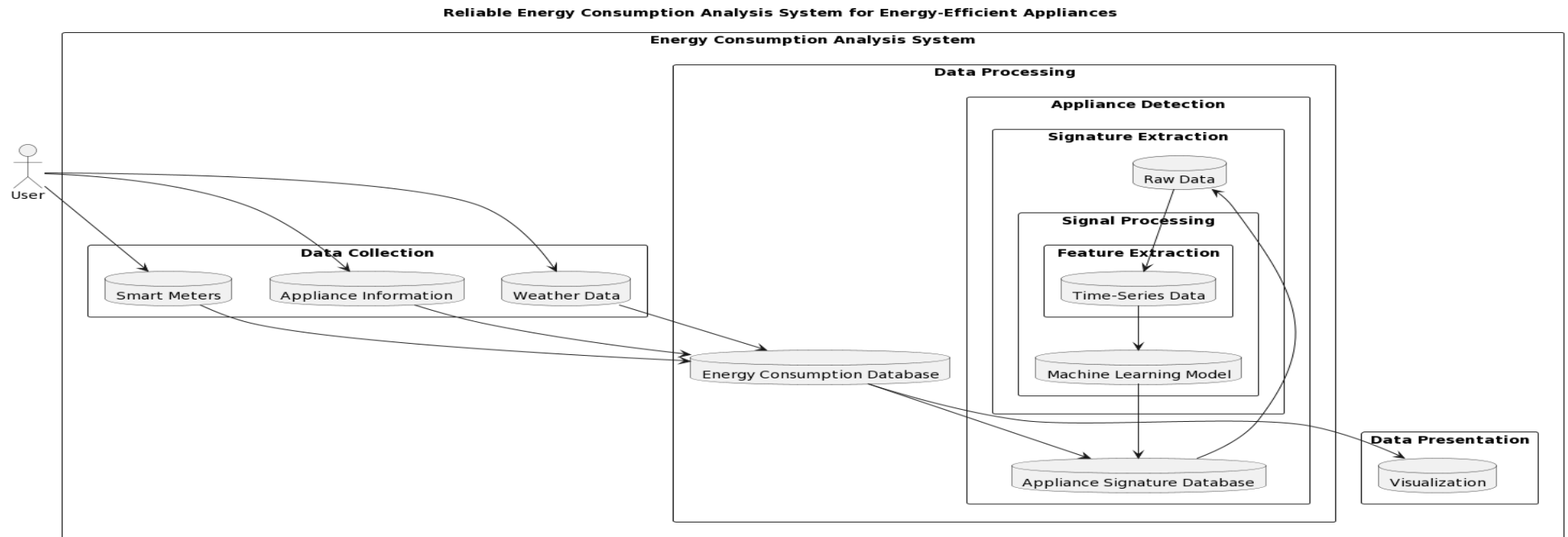
Project Design Phase-II

Data Flow Diagram & User Stories

Date	06 May 2023
Team ID	NM2023TMID17415
Project Name	Project on A Reliable Energy Consumption Analysis System for Energy-Efficient Appliances

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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Administrator	Energy Usage Tracking	US-001	As an administrator, I want to view energy consumption data	The system should display energy consumption data in a user-friendly interface	High	Kanish
Customer	Energy Efficiency Analysis	US-002	As a customer, I want to receive recommendations for energy-efficient appliances	The system should suggest energy-efficient appliances based on usage patterns	Medium	Kesavardhan
Technician	Data Visualization	US-003	As a technician, I want to analyze energy consumption trends	The system should provide graphical representations and statistical analysis	High	Mugilan
Customer	Energy Usage Comparison	US-004	As a customer, I want to compare energy consumption of different appliances	The system should allow users to compare energy usage of various appliances	Low	Lincy
Administrator	User Management	US-005	As an administrator, I want to add and remove users	The system should provide functionality to manage user accounts	Medium	Hari Raja