Project Design Phase-II
Data Flow Diagram & User Stories

Date	06 May 2023
Team ID	NM2023TMID14436
Project Name	IoT based Weather Adaptive Street Light System

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.

Data Flow Diagram
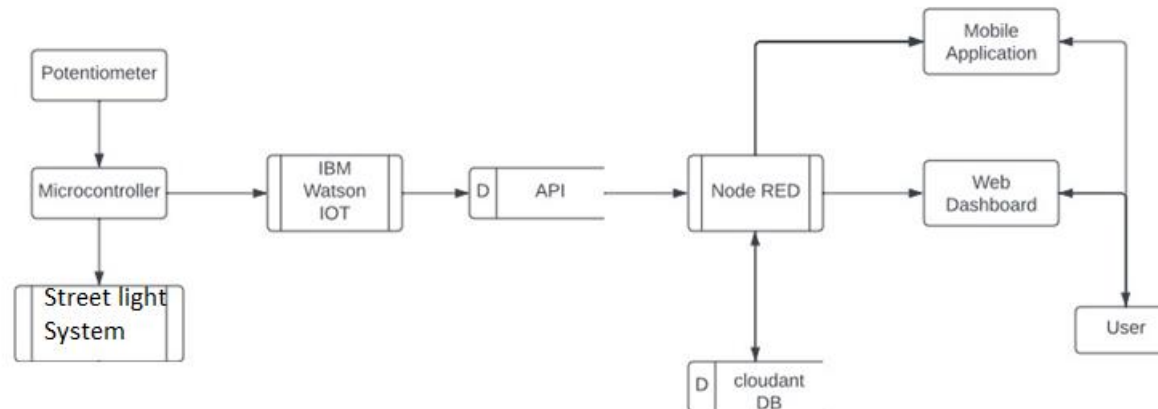
User Stories

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	Team Member
Customer	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	Shyam sundar
Customer	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Rakesh kumar
Customer	Authorize	USN-3	As a user, I will enable the supervisor to monitor the street light system status.	I can provide access to supervisor.	High	Yuvaraj
Customer	Login	USN-4	As a user, I can log into the application by entering email & password.	I can get access to dashboard	High	Ricky charles
Customer	Monitor	USN-5	As a user, I can monitor the status of the street light system.	I can view the status of street light system	High	Rakesh kumar
Customer	Notification	USN-6	As a user, I can alert about street light	I can get notification	High	Yuvaraj
Customer	Notification	USN-7	As a user, I can alert about street light	I can get notification	Medium	Shyam sundar
Customer	Notification	UNS-8	As a user, I can alert about street light	I can get notification	Medium	Ricky charles
Customer	Sign-up	USN-9	As a user, I can sign up using login	I can sign-up in application	Low	Shyam sundar
Customer	Sign-up	UNS-10	As a user, I can sign up using login	I can sign-up in application	Low	Yuvaraj
Administrator	Service request	USN-11	As a user, I can request for service in case of any issue with street light system	I can get service from provider	Low	Rakesh kumar
Administrator	Increased service	USN-12	As a user, I can request for scaling up street light system	I can get service from provider	Low	Shyam sundar