

Project Design Phase-II

Data Flow Diagram & User Stories

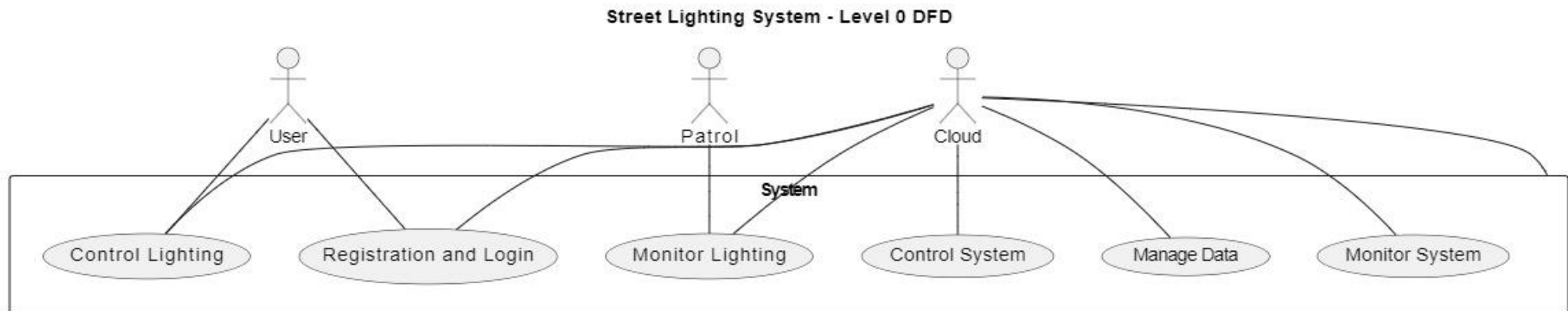
Date	13 May 2023
Team ID	NM2023TMID02708
Project Name	Project – IoT Based Weather Adaptive Street lighting System

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.

Example: DFD Level 0 (Industry Standard)

Example: [\(Simplified\)](#)



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 (Mobile user)	Street light control	US001	As a mobile user,I want to control the street lights manually.	This app should provide on/off switch for each street light	High	Mobile app developer
Customer (Mobile user)	Street light control	US002	As a mobile user,I want to set a timer for the street lights	This app should provide time feature for each street light	Medium	Mobile app developer
Customer (Mobile user)	Street light control	US003	As a mobile user, I want to view the status of each street light	This app should display the on/off status of each street light	High	Mobile app developer
Customer (Web user)	Street light control	US004	As a web user, I want to control the street lights manually	This website should provide the on/off status of each street light	High	Web Developer
Customer (Web user)	Street light control	US005	As a web user, I want to set the timer for the street lights	This website should provide the timer feature of each street light	Medium	Web Developer
Customer (Web user)	Street light control	US006	As a web user, I want to view the status of the each street lights	This website should display the on/off status of each street light	High	Web developer
Customer Care Executive	Street light monitoring	US007	As a customer care executive I want to monitor the street lights	This system should provide real time data of street light status	High	Backend developer
Administrator	User management	US008	As an administrator I want to manage user accounts	This system should allow adding,deleting,and modifying,street light user accounts	High	System administrator
Administrator	Street light management	US009	As an administrator I want to manage street light data	This system should allow adding,deleting,and modifying,street light data	High	System administrator
Administrator	System monitoring	US010	As an administrator I want to monitor the system	This system should provide real time system performance data	Medium	System administrator