

Project Design Phase-II

Data Flow Diagram and User Stories

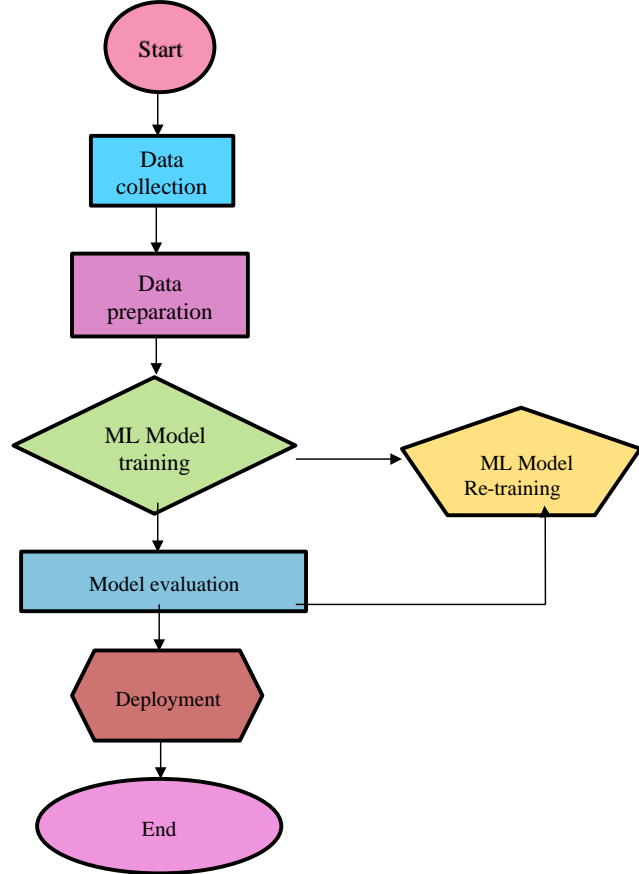
Date	29 -09-2022
Team ID	PNT2022TMID48318
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION

DATA FLOW DIAGRAM & USER STORIES

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

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
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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-1
		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	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-1
		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	Able to login	High	Sprint-1
	Dashboard	USN-6	As a user, I should be able to access the dashboard with everything I am allowed to use.	Access the dashboard	Medium	Sprint-1
Customer (Web user)	Registration	USN-7	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-1
		USN-8	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-9	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-1
		USN-10	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Sprint-1
	Login	USN-11	As a user, I can log into the application by entering email & password	Able to login	High	Sprint-1
	Dashboard	USN-12	As a user, I should be able to access the dashboard with everything I am allowed to use.	Access the dashboard	Medium	Sprint-1

Admin	Register	USN-13	As an admin, I should be able to register myself as one using unique email and password.	I can access my account	Medium	Sprint-4
	Login	USN-14	As an admin I should be able to login myself as one using unique email and password.	Able to login	Medium	Sprint-4
	Dashboard	USN-15	As a admin, I should be able to access the dashboard with everything I am allowed to use.	Access the dashboard	Medium	Sprint-4