Project Design Phase-II
Data Flow Diagram & User Stories

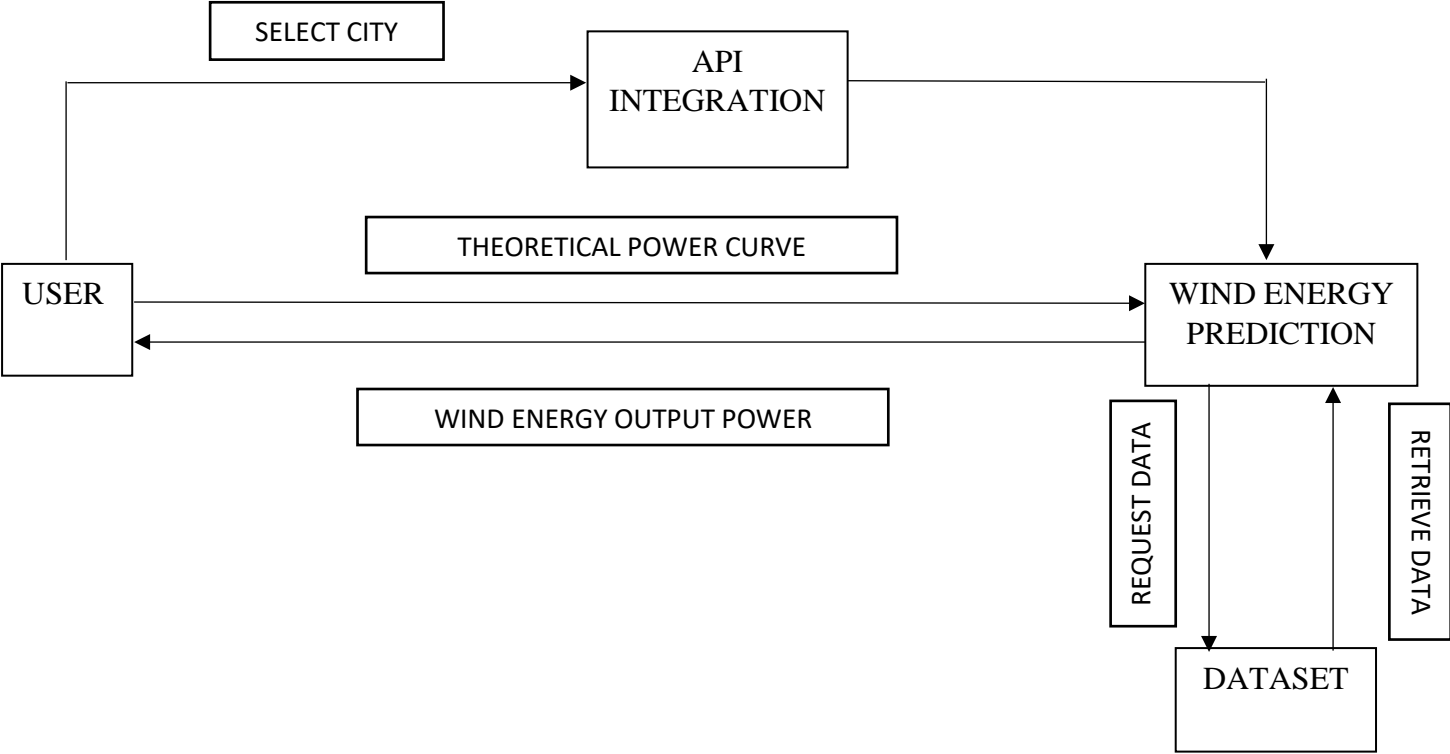| Date	26 October 2022
Team ID	PNT2022TMID51318
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

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.
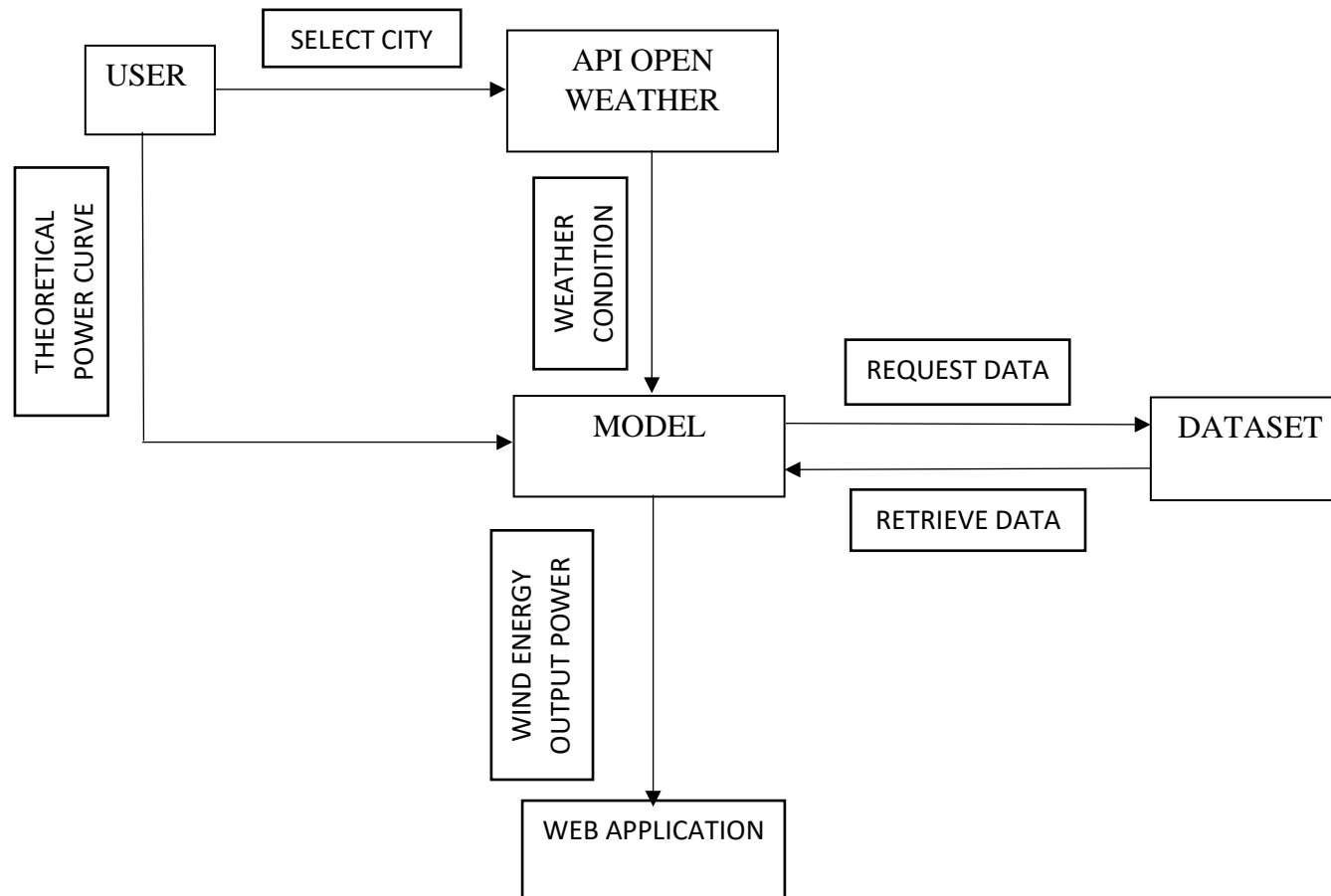
LEVEL 1:

LEVEL 2:

SELECT CITY

API INTEGRATION

THEORETICAL POWER CURVE

USER

WIND ENERGY PREDICTION

WIND ENERGY OUTPUT POWER

REQUEST DATA

RETRIEVE DATA

DATASET
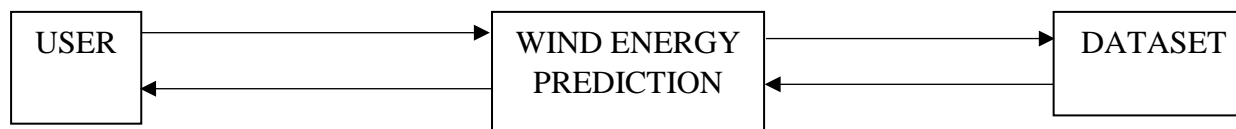
LEVEL 3:

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
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
	Login	USN-2	As a user, I can login to the application by entering email & password	I can access my account/dashboard	High	Sprint-1
	Dashboard	USN-3	As a user, I can see all the details raised by me	I can get the information needed in the dashboard	Low	Sprint-2
	Address column	USN-4	As a user, I can enter the address based on my query	I can get the weather report based on my address	High	Sprint-2
	Forgot password	USN-5	As a user, I can able to reset my password	I can access my account again	Medium	Sprint-2
	Output	USN-6	As a user, I can get my weather report	I can generate the wind energy after submitting the necessary details	High	Sprint-2
Customer (Web user)	Login	USN-1	As a user, I can login to the application by entering email & password	I can access my account/dashboard	High	Sprint-2

	Dashboard	USN-2	As a user, I can see all the details raised by me	I can get the information needed in the dashboard	Low	Sprint-3
	Address column	USN-3	As a user, I can enter the address based on my query	I can get the weather report based on my address	High	Sprint-3
	Forgot password	USN-4	As a user, I can able to reset my password	I can access my account again	Medium	Sprint-3
	Output	USN-5	As a user, I can get my weather report	I can generate the wind energy after submitting the necessary details	High	Sprint-3
Customer Care Executive	Login	USN-1	As an admin, I can see the queries raised by user	I can resolve the issues raised by the user	Medium	Sprint-4
Administrator	Login	USN-1	As an administrator, I can login to the application by using the admin login	I can access my account/dashboard	High	Sprint-1
	Dashboard	USN-2	As an admin I can see all the orders raised in the entire system and lot more	I can assign agents by seeing those order.	High	Sprint-1
	Agent creation	USN-3	As an admin I can create an agent for clarifying the customers queries	I can create agents.	High	Sprint-2
	Assignment agent	USN-4	As an admin I can assign an agent for each order created by the customer.	Enable agent to clarify the queries.	High	Sprint-1