

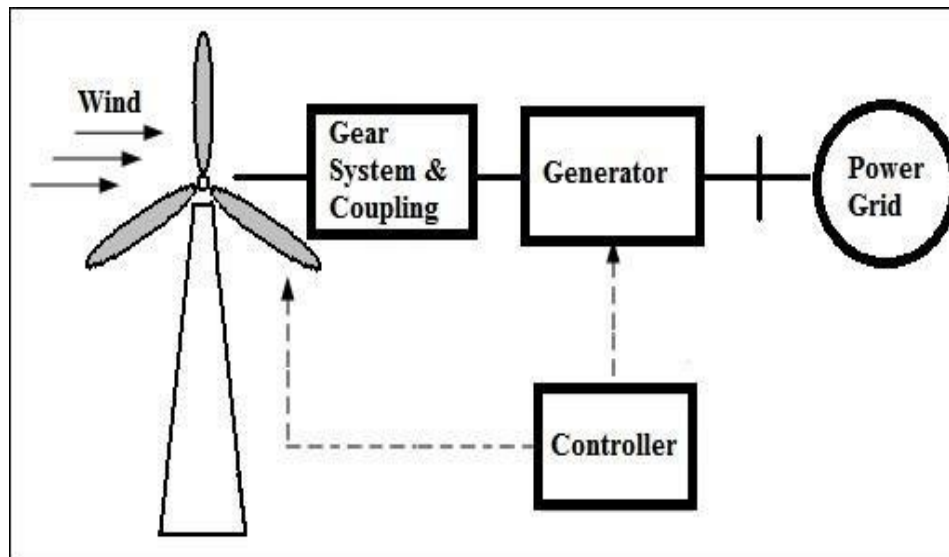
## Project Design Phase-II Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	PNT2022TMID28832
Project Name	Project - Predicting the energy output of wind turbine based on weather condition.
Maximum Marks	4 Marks

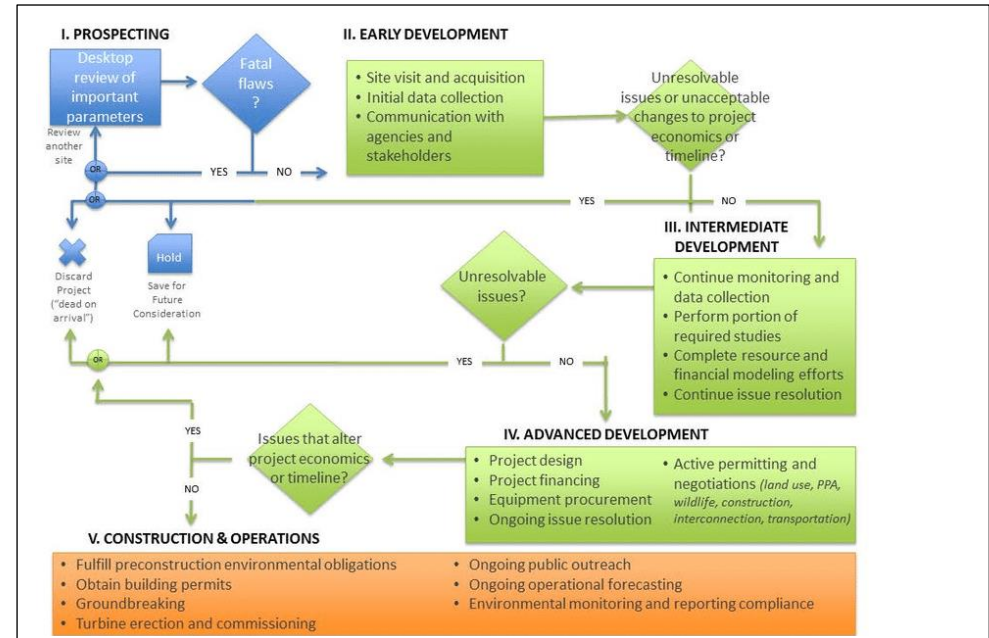
### Data Flow Diagrams:

A Data Flow for Wind turbine is five stages. They are prospecting, early development, intermediate development, advanced development, constructions and operations.

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



### Wind Energy Prediction Data Flow Diagram



**User Stories:**

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Information about wind energy	USN-1	As a user I have learned about wind energy	It provides short and good information wind energy	Low	Sprint-1
		USN-2	As a user I can know about wind turbine	It useful in understand the wind energy	Low	Sprint-1
	Predicting Energy Wind Output	USN-3	I can able to predict the wind energy output	It Provides accurately the wind speed	High	Sprint-2
		USN-4	I can get energy output for the wind	It is help so I can easily predict energy output	High	Sprint-2
	Weather Checking	USN-5	I can check the weather of my state.	It provides weather condition in different states	Medium	Sprint-2
		USN-6	I can check the weather condition for windmill	It provides weather condition and it helps in predicting energy output	Medium	Sprint-2