

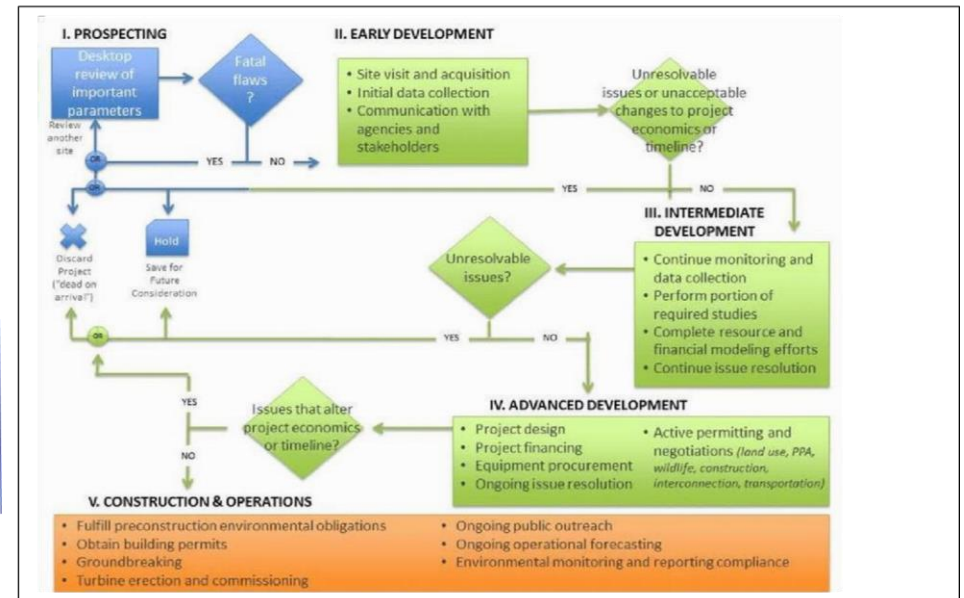
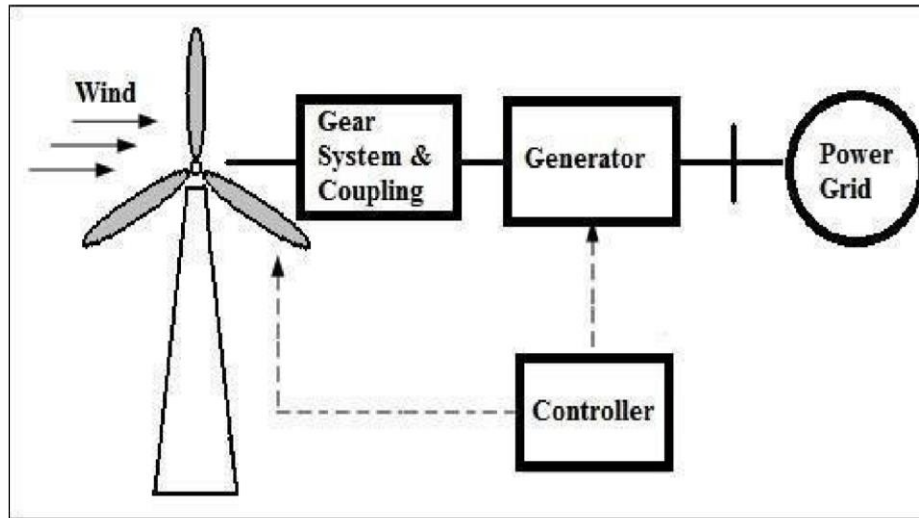
**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Team ID	PNT2022TMID39504
Project Name	Project - Predicting the energy output of wind turbine based on weather condition.

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



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

		<b>USN-4</b>	<b>I can get energy output for the wind</b>	<b>It is help so I can easily predict energy output</b>	<b>High</b>	<b>Sprint-2</b>
	<b>Weather Checking</b>	<b>USN-5</b>	<b>I can check the weather of my state.</b>	<b>It provides weather condition in different states</b>	<b>Medium</b>	<b>Sprint-2</b>
		<b>USN-6</b>	<b>I can check the weather condition for windmill</b>	<b>It provides weather condition and it helps in predicting energy output</b>	<b>Medium</b>	<b>Sprint-2</b>