Project Design Phase-II

Data Flow Diagram & User Stories

Date	13 October 2022
Team ID	PNT2022TMID33022
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.
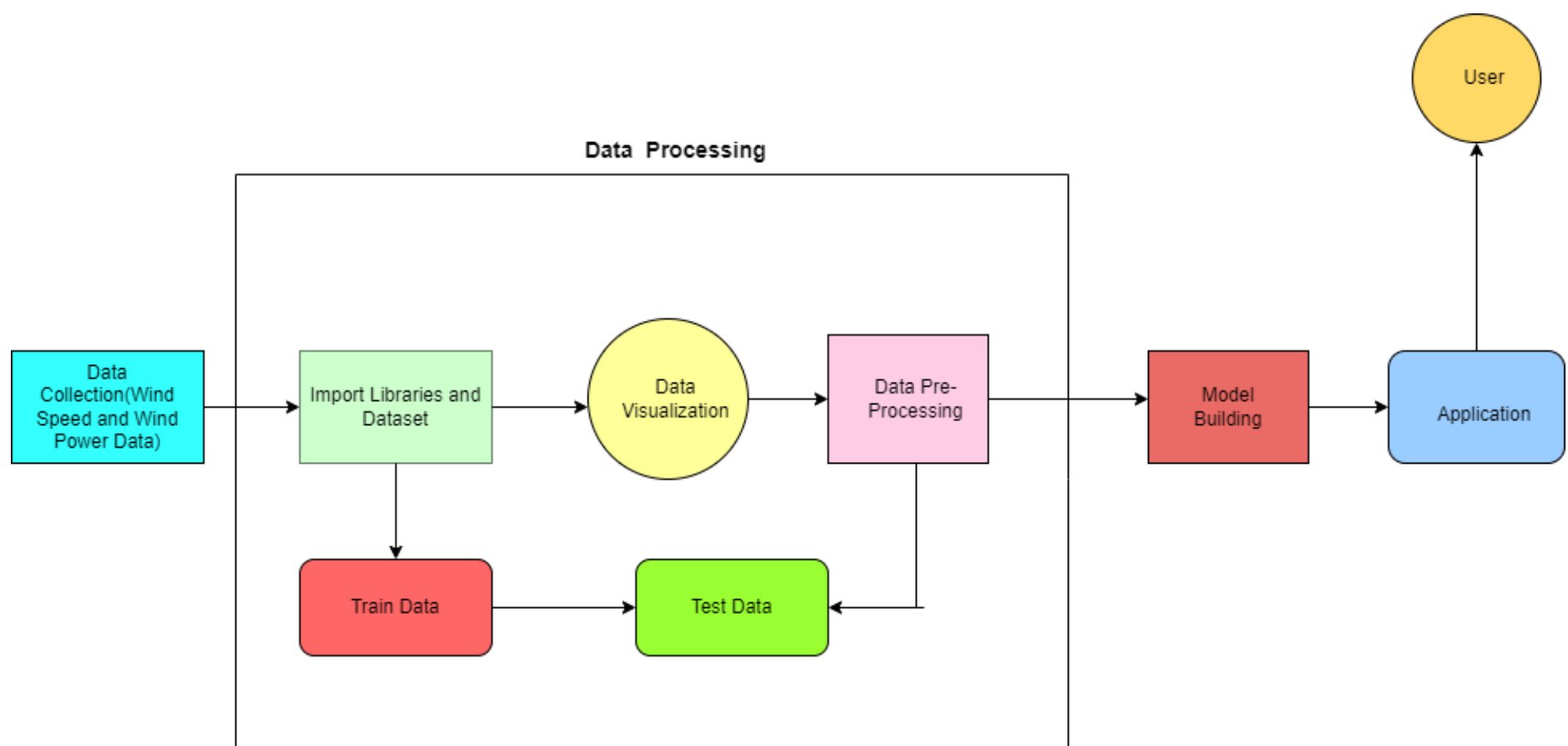
Users Stories

Use the below template to list all the user stories for the product

User Type	Functional Requirement (Epic)	Users Story Number	Users Story/Task	Acceptance Criteria	Priority	Release
Customer (Industrialist)	Weather Prediction	USN-1	An Industrialist need to know about the weather conditions.	I can give the exact predicted weather through application	High	Sprint-1
Customer (Industrialist)	Natural calamities	USN-2	An Industrialist need to know about the occurrence of natural calamities beforehand.	I can predict the occurrence of natural calamities by wind speed and other conditions.	Medium	Sprint-2
Customer (Householder)	Long lasting Electronic Equipments	USN-3	A Householder can protect their electronic equipments.	I can give access to a householder to know about the bad weather to protect the electronic equipments.	High	Sprint-1
Customer (Householder)	Weather Updates	USN-4	As a householder, they need faster update of weather in their application.	I can provide weather updates before 48 hours as soon as possible.	Medium	Sprint-2