

## Project Planning Phase

### Milestone and Activity List

Date	24 October 2022
Team ID	PNT2022TMID18314
Project Name	Predicting the energy output of wind turbine based on weather conditions.
Marks	8 Marks

Sprint	Milestone
Sprint 1	1.Data Collection <ul style="list-style-type: none"><li>• Download or Create Dataset</li></ul> 2.Data Pre-Processing <ul style="list-style-type: none"><li>• Import Required Libraries</li><li>• Analyze The Datasets</li><li>• Splitting Data Into Independent And Dependent Variables</li></ul>
Sprint 2	3.Model Building <ul style="list-style-type: none"><li>• Choose the Appropriate Mode</li><li>• Check The Metrics Of The Modell</li><li>• Save the Model</li></ul> 4.API Integration <ul style="list-style-type: none"><li>• Generate Weather API Key</li></ul>
Sprint 3	5.Application Building <ul style="list-style-type: none"><li>• Flask App</li><li>• Html pages</li></ul>
Sprint 4	6. Train the Model On IBM <ul style="list-style-type: none"><li>• Register For IBM Cloud</li><li>• Train The ML Model on IBM</li><li>• Integrate Flask With Scoring End Point</li></ul>

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	03 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 Nov 2022