

## Project Planning Phase

### Milestone and Activity List

Date	24 October 2022
Team ID	PNT2022TMID19874
Project Name	Predicting the energy output of wind turbine based on weather conditions.
Marks	8 Marks

Sprint	Milestone
Sprint 1	<div>1. Data Collection<ul style="list-style-type: none"><li>Download or Create Dataset</li></ul></div> <div>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></div>
Sprint 2	<div>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></div> <div>4.API Integration<ul style="list-style-type: none"><li>Generate Weather API Key</li></ul></div>
Sprint 3	<div>5.Application Building<ul style="list-style-type: none"><li>Flask App</li><li>Html pages</li></ul></div>
Sprint 4	<div>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></div>

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