

## PROJECT PLANNING PHASE – MILESTONES & ACTIVITY LIST

<b>Date</b>	<b>04 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID45553</b>
<b>Project Name</b>	<b>Predicting the energy output of wind turbine based on weather condition</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

DATE	MILESTONE	TEAM MEMBER	STATUS	DESCRIPTION
25/10/2022	<b>Data Collection</b> - Download dataset	BALASHANKAR M SUREKA V	Completed	We can create or download dataset.
26/10/2022	<b>Data Pre-Processing</b> 1. Import Libraries - Analyzing the data 2. Splitting the data into dependent and independent variable	SUREKA V BALASHANKAR M	Completed	These are all the process before we build the model.
31/10/2022	<b>Model Building</b> 1. Check the metrics of the model 2. API integration	BALASHANKAR M ELANGO VAN A SUREKA V	Completed	We have to choose the model of neither Random Forest Regression nor Random Forest Classifier.
2/11/2022	<b>Application Building</b> 1. Build an HTML page. 2. Execute and testing our model.	BALASHANKAR M SAI RAKSHIT SB SUREKA V ELANGO VAN A POOVARASAN K	In-Progress	In this session we need to build the flask app and execute the tested model through it.
5/11/2022	<b>Train the model on IBM</b> 1. Integrate the flask with a scoring end point	BALASHANKAR M SUREKA V	In-Progress	For more accuracy of model we need powerful tools that named IBM Watson Studio.
04/10/2022 to 05/10/2022	<b>Ideation Phase</b> 1. Literature survey on the selected project and information gathering. 2. Prepare the empathy map. 3. Ideation	BALASHANKAR M SAI RAKSHIT SB SUREKA V ELANGO VAN A POOVARASAN K	Completed	In this we suggest about the ideas to develop the project and study about the past projects done by the domain.
25/10/2022	<b>Project Design Phase -I</b> 1. Proposed solution. 2. Prepared solution fit 3. Solution Architecture	BALASHANKAR M SUREKA V	Completed	We state our problem solution in different ways in this session
29/10/2022	<b>Project Design Phase -II</b> 1. Customer journey. 2. Functional requirements 3. Data flow diagram.	BALASHANKAR M SUREKA V POOVARASAN K	Completed	In this session we tell about the user story.

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	4. Technology architecture			
04/11/2022	<b>Project Planning Phase</b> 1.Milestone Activity List 2.Sprint Delivery plan	BALASHANKAR M SUREKA V	Completed	We described about the activities and achieved milestones on that session.
07/11 to 19/11/2022	<b>Project Development Phase</b> 1.Sprint -1 2.Sprint-2 3.Sprint-3 4.Sprint-4	BALASHANKAR M SAI RAKSHIT SB SUREKA V ELANGO VAN A POOVARASAN K	In-Progress	We need to deliver the overall process by four sprints.