PROJECT PLANNING PHASE – MILESTONES & ACTIVITY LIST

Date	04 October 2022
Team ID	PNT2022TMID54445
Project Name	**Predicting the energy output of wind turbine based on weather condition**
Maximum Marks	4 Marks

DATE	MILESTONE	TEAM MEMBER	STATUS	DESCRIPTION
31/08/2022	**Data Collection** - Download dataset	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	We can create or download dataset.
3/09/2022	**Data Pre-Processing** 1. Import Libraries - Analyzing the data 2. Splitting the data into dependent and independent variable	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	These are all the process before we build the model.
20/09/2022	**Model Building** 1. Check the metrics of the model 2. API integration	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	We have to choose the model of neither Random Forest Regression nor Random Forest Classifier.
29/10/2022	**Application Building** 1. Build an HTML page. 2. Execute and testing our model.	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	In this session we need to build the flask app and execute the tested model through it.
5/11/2022	**Train the model on IBM** 1.Integrate the flask with a scoring end point	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	For more accuracy of model we need powerful tools that named IBM Watson Studio.
04/10/2022 to 05/10/2022	**Ideation Phase** 1. Literature survey on the selected project and information gathering. 2. Prepare the empathy map. 3. Ideation	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	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	**Project Design Phase -I** 1. Proposed solution. 2. Prepared solution fit 3. Solution Architecture	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	We state our problem solution in different ways in this session
29/10/2022	**Project Design Phase -II** 1. Customer journey. 2. Functional requirements 3. Data flow diagram.	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E	Completed	In this session we tell about the user story.

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		Yoga Verma V		

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	4. Technology architecture			
04/11/2022	**Project Planning Phase** 1.Milestone Activity List 2.Sprint Delivery plan	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	We described about the activities and achieved milestones on that session.
07/11 to 19/11/2022	**Project Development Phase** 1.Sprint -1 2.Sprint-2 3.Sprint-3 4.Sprint-4	Sudharshana Ram N Sheik Imam Rizwan B Gokula Krishnan E Yoga Verma V	Completed	We need to deliver the overall process by four sprints.