

Project Design Phase-II Solution Requirements

Date	15 November 2022
Team ID	PNT2022TMID05596
Project Name	Predicting The Energy Output Of Wind Turbine Based On Weather Condition
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Prediction	Based on user-defined values Based on cities
FR-2	Forecast	Rapid prediction results for user dataset Maximum file size of 200 MB
FR-3	Alert system	Annual power prediction

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User-friendly, easy-to-use UISmooth and seamless Easy to comprehend
NFR-2	Availability	Platform independent support
NFR-3	Scalability	Can operate efficiently across multiple with varying hardware and software specifications