Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

DATE	27 October 2022
TEAM ID	PNT2022TMID41192
PROJECT NAME	Predicting the energy output of wind turbine based on weather conditions.

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 1		USN-3	As a user, I can register for the application through Phone number	2	Low	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 1		USN-4	As a user, I can register for the application through Gmail	3	Medium	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 1	Login(User)	USN-5	As a user, I can log into the application by entering email & password.	5	High	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 2	Dashboard	USN-6	Once I have logged in, I can see my dashboard.	6	Medium	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 2	Web access	USN-7	As a customer I can access the website to predict the turbine power.	7	High	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 2	Prediction	USN-8	As a customer when I enter the weather details the website should predict the approximate turbine power.	7	High	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M

Sprint 3	Analysis	USN-9	As a customer, I wish to store my predictions and make analysis.	10	Medium	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 3	Security	USN-10	As a customer I expect my data to be secured.	10	Medium	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M
Sprint 4	Database Access	USN-11	A Administrator, I should maintain the website. And update the website regularly.	20	Low	KALAIVANI.K HEMALATHA.V SNEHA.S NANDESWARI.M

Project Tracker, Velocity & Burndown Chart:

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