Initial Project Planning Template

Date	JUNE 2024
Team ID	739964
Project Name	EcoForecast: AI-powered prediction of carbon monoxide levels
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Initial Model Development	USN-1	As a data engineer , I can collect data from various source(eg: Traffic information and Industrial emissions).	2	High	Pavan Kumar, Varsha Priya	26/06/2024	28/06/2024
Sprint-1	Model Training	USN-2	As a data scientist, I can process the data, Handling missing value , and perform initial feature engineering.	1	High	Sukanya, Awaiz	29/06/2024	01/07/2024
Sprint-1	Model Evaluation and Deployment	USN-3	To create and deploy an AI model that accurately predicts carbon monoxide levels base on various influencing factors such as weather conditions ,industrial activity.	4	High	Pavan Kumar, Varsha Priya	02/07/2024	02/07/2024
Sprint-1	Model Deployment	USN-4	As a data scientist, I can evaluate the training AI model using a test dataset and measure performance metrics (eg: accuracy , precision and recall).	3	High	Pavan Kumar	03/07/2024	03/07/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Explanation	USN-5	As a data scientist, I can monitor the performance of the AI model,in real time and track any changes in accuracy and also performance metrics.	3	Medium	Pavan Kumar, Varsha Priya, Sukanya, Awaiz	15/07/2024	15/07/2024