

Initial Project Planning Template

Date	10 june 2024
Team ID	Batch 5
Project Name	Air Quality Index Analyzer using ml
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 AQI data from various sources (e.g., governmental air quality monitoring stations, satellite data, weather data) and ensure it is securely stored.	2	High	2		
Sprint-1	Model Training	USN-2	As a data scientist, I can preprocess the collected data, handle missing values, and perform initial feature selection..	3	High	2		
Sprint-2	Model Evaluation and Deployment	USN-3	As a data scientist, I can train an initial AQI prediction model using historical AQI and weather data.	4	High	3		
Sprint-1	Model Deployment	USN-4	As a data scientist, I can evaluate the trained ML model using a test dataset and measure performance metrics (e.g., accuracy, precision, recall).	3	High	2		
Sprint-3	Explanation	USN-5	As a data scientist, I can monitor the performance of the deployed AQI model in real-time and track any changes in accuracy or other performance metrics.	3	Medium	4		