**Initial Project Planning Template**

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| Date | 10 JUNE 2024 |
| Team ID | 740118 |
| 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)** |
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| 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 | 2 |  |  |
| 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 | 2 |  |  |
| 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 | 3 |  |  |
| 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 , precssion and recall). | 3 | High | 2 |  |  |
| 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 | 4 |  |  |