Initial Project Planning

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| Date | 15 March 2024 |
| Team ID | SWTID1720078183 |
| Project Name | Predictive Modeling for Fleet Fuel Management using Machine Learning |
| Maximum Marks | 4 Marks |

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

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

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-1: Setup and  Initial Features | Model Development | USN-1 | As a developer, I can build a basic predictive model for fuel consumption based on gas type., and confirming my password. | 3 | High | P.NIKHILESH | 02-07-  2024 | 20-07-2024 |
| Sprint-1 | Web App Setup | USN-2 | As a user, I can access the web application to input vehicle data for fuel predictions. | 2 | High | B.KRISHNA GAYATRI | 02-07-  2024 | 20-07-2024 |
| Sprint-2: Model Improve ment and Integrati  on | Data Integration | USN-3 | As a data analyst, I can integrate external data sources to improve model accuracy. | 2 | Medium | N.SAI PRASANNA | 02-07-  2024 | 20-07-2024 |

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| **Sprint** | **Functional Requirement**  **(Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start**  **Date** | **Sprint End Date**  **(Planned)** |
| Sprint-2 | User Interface | USN-4 | As a user, I can view predictions and reports on the web application. | 2 | Medium | SYED  SHUJATULLA H | 02-07-  2024 | 20-07-2024 |
| Sprint-3: Testing and deploym ent | Model testing | USN-5 | As a tester, I can validate the accuracy and reliability of the predictive model. | 3 | High | P.NIKHILESH , SYED SHUJATULLA H | 02-07-  2024 | 20-07-2024 |
| Sprint-3: | Deployment | USN-6 | As an admin, I can deploy the application for end-users. | 2 | High | B.KRISHNA GAYATRI , N.SAI PRASANNA | 02-07-  2024 | 20-07-2024 |