**Project Initialization and Planning Phase**

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| --- | --- |
| Date | 21-06-2025 |
| Team ID | SWTID1749893823 |
| Project Name | AI-Powered Nutrition Analyzer For Fitness Enthusiasts |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story / Task | Priority | Team Members | Sprint Start Date | Sprint End Date (Planned) |
| Sprint-1 | Data Collection and Preprocessing | Understanding & loading data | Low | Dharshini.N | 16/06/2025 | 17/06/2025 |
| Sprint-1 | Data Collection and Preprocessing | Data cleaning | High | Dharshini.N | 16/06/2025 | 17/06/2025 |
| Sprint-1 | Data Collection and Preprocessing | EDA | Medium | Dharshini.N | 16/06/2025 | 17/06/2025 |
| Sprint-4 | Project Report | Report | Medium | Samhitha | 17/06/2025 | 20/06/2025 |
| Sprint-2 | Model Development | Training the model | Medium | Sneha Jadhav | 17/06/2025 | 18/06/2025 |
| Sprint-2 | Model Development | Evaluating the model | Medium | Sneha Jadhav | 17/06/2025 | 18/06/2025 |
| Sprint-2 | Model tuning and testing | Model tuning | High | Samhitha | 18/06/2025 | 18/06/2025 |
| Sprint-2 | Model tuning and testing | Model testing | Medium | Dharshini.N | 18/06/2025 | 18/06/2025 |
| Sprint-3 | Web integration and Deployment | Building HTML templates | Low | Samhitha | 18/06/2025 | 19/06/2025 |
| Sprint-3 | Web integration and Deployment | Local deployment | Medium | Sneha Jadhav | 19/06/2025 | 20/06/2025 |