Initial Project Planning

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| Date | 21/06/25 |
| Team ID | SWTID1750180744 |
| Project Name | Smart sorting:Transfer Learning for Identifying Rotten |
| Maximum Marks | 4 Marks |

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

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Numb er** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
| Sprint-1 | Data collection | USN- 1 | As a developer, I want to download and preprocess the Kaggle fruit/veg dataset | 3 | High | Mathew Vijaay Vardaan | 12thjune 2025 | 13th june 2025 |
| Sprint-1 | Model Development | USN- 2 | As a developer, I want to train a VGG16 model using transfer learning | 5 | High | Mathew Vijaay Vardaan | 13th june 2025 | 16th hune 2025 |
| Sprint-2 | Model Evaluation | USN- 3 | As a developer, I want to test the model and analyze accuracy and confusion matrix | 2 | Medium | Mathew Vijaay Vardaan | 16h june 2025 | 17th june 2025 |
| Sprint-2 | Flask Deployment | USN- 4 | As a user, I want to upload an image and get a prediction from the web | 4 | High | Mathew Vijaay | 17th june 2025 | 19th june 2025 |

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Numb er** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** | **Sprint Start Date** | **Sprint End Date (Planned)** |
|  |  |  | app |  |  | Vardaan |  |  |
| Sprint-3 | UI & Feedback | USN- 5 | As a user, I want a simple and clean UI with prediction results shown visually | 2 | Medium | Mathew Vijaay Vardaan | 19th june 2025 | 20th june 2025 |
| Sprint-3 | Final Testing and Report | USN-6 | As a team, we will finalize documentation, screenshots, and submit the project | 2 | High | Mathew Vijaay Vardaan | 20th june 2025 | 21st june 2025 |