Initial Project Planning Template

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| Date | 24 June 2025 |
| Team ID | SWTID1750058607 |
| Project Name | Early-Stage Disease Diagnosis System Using Human Nail Image |
| 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 | Data importing and analyzing | USN-1 | As a developer, I want to collect a high-quality dataset with relevant features so that I can train an effective and accurate model. | 2 | High | Satyam | 15 June  2025 | 15 June  2025 |
| Sprint-2 | Data preprocessing | USN-2 | As a developer, I want to prepare and organize the data for training and testing so that the model can learn effectively and be evaluated  properly. | 1 | Medium | Satyam Ekant | 16 June  2025 | 17 June  2025 |
| Sprint-2 | Model Building and Training | USN-3 | Building the model is a crucial step that involves choosing the best model and preparing it to fit the data. | 2 | High | Progya Diya | 17 June  2025 | 18 June  2025 |

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| Sprint-2 | Improving and testing the model | USN-4 | As a developer, it's essential to evaluate how well a model fits the data by checking its accuracy and assessing for signs of overfitting or  underfitting. | 2 | Medium | Satyam | 18 June  2025 | 21 June  2025 |
| Sprint-3 | Building UI for the user | USN-5 | As a developer, it's important to build an intuitive user interface that allows users to effectively interact with and utilize the underlying machine learning model. | 1 | High | Progya | 21 June  2025 | 22 June  2025 |