

Initial Project Planning

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| Date | 3 August 2025 |
| Student Name | Neha Ranjit Nalage |
| Project Name | Uncovering The Hidden Treasures Of The Mushroom Kingdom: A Classification Analysis |
| Maximum Marks | 4 Marks |

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

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Sprint Start Date | Sprint End Date (Planned) |
|---------------|--------------------------------------|--------------------------|---|---------------------|-----------------|--------------------------|----------------------------------|
| Sprint-1 | Model Application | USN-1 | As a system, I need to apply a pre-trained Xception deep learning model to the uploaded image. | 3 | High | | |
| Sprint-1 | Application Integration | USN-2 | As a developer, I need to integrate the Xception model with a Flask application. | 3 | High | | |
| Sprint-2 | Image Input & Processing | USN-3 | As a user, I want to select an image for mushroom identification. | 2 | High | | |
| Sprint-2 | Output Display | USN-4 | As a user, I want to see the identified mushroom species, with a confidence level, displayed clearly and quickly. | 2 | High | | |
| Sprint-3 | Performance Optimization | USN-5 | As a developer, I need to optimize the application for speed and efficiency. | 2 | Medium | | |