

## Initial Project Planning

|               |  |
|---------------|--|
| Student Name  | Pranay Bhandwalkar   |
| 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   |                   |                           |