**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

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| --- | --- |
| Date |  |
| Team ID | LTVIP2025TMID38966 |
| Project Name | GRAINPALETTE |
| Maximum Marks | 4 Marks |

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

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Image Upload & Prediction | USN-1 | As a user, I can upload an image of rice to get its type predicted | 3 | High | Manam Bhavya Sree |
| Sprint-1 | Frontend Setup | USN-2 | As a user, I can access a home page with navigation and prediction section | 2 | High | Manam Bhavya Sree |
| Sprint-1 | Routing & Navigation | USN-3 | As a user, I can navigate between Home, About, Contact, Testimonials, Predict | 2 | Medium | Manam Bhavya Sree |
| Sprint-2 | Model Integration | USN-4 | As a developer, I want to integrate the trained MobileNetV2 model | 3 | High | Manam Bhavya Sree |
| Sprint-2 | Prediction Output | USN-5 | As a user, I can see the rice type predicted with the uploaded image | 2 | High | Manam Bhavya Sree |
| Sprint-2 | Error Handling | USN-6 | As a user, I get proper feedback when no file is uploaded | 1 | Medium | Manam Bhavya Sree |
| Sprint-3 | Results Page Enhancement | USN-7 | As a user, I see the result in a well-designed format with a Try Again option | 2 | Medium | Manam Bhavya Sree |
| Sprint-3 | Responsive Design | USN-8 | As a user, I can use the application from both desktop and mobile browsers | 2 | Medium | Manam Bhavya Sree |
| Sprint-3 | Documentation & Report | USN-9 | As a team, we prepare the report and README for the project | 2 | Medium | Manam Bhavya Sree |