

Project Planning Phase

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

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| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID34512 |
| Project Name | Pattern Sense: Classifying Fabric Patterns using Deep Learning |
| Maximum Marks | 5 Marks |

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

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|--|--------------|----------|----------------|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | To Be Assigned |
| Sprint-1 | Registration | USN-2 | As a user, I will receive a confirmation email once I have registered for the application. | 1 | High | To Be Assigned |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application through Facebook. | 2 | Low | To Be Assigned |
| Sprint-1 | Registration | USN-4 | As a user, I can register for the application through Gmail. | 2 | Medium | To Be Assigned |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email and password. | 1 | High | To Be Assigned |
| Sprint-1 | Dashboard | USN-6 | As a user, I can view the dashboard after successful login, showing recent classifications and system summary. | 3 | High | To Be Assigned |
| Sprint-2 | Pattern Upload | USN-7 | As a user, I can upload a fabric pattern image from gallery or capture via camera. | 3 | High | To Be Assigned |

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|----------|-------------------------------|-------------------|--|--------------|----------|----------------|
| Sprint-2 | Pattern Classification | USN-8 | As a user, I will receive automated classification results for the uploaded fabric pattern, with accuracy details. | 5 | High | To Be Assigned |
| Sprint-2 | Classification History | USN-9 | As a user, I can view the history of my previously classified patterns. | 2 | Medium | To Be Assigned |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | | |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | | |
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