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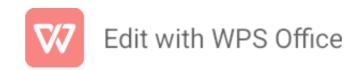## Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	30/06/2025
Team ID	LTVIP2025TMID33116
Project Name	GrainPallett-A Deep Learning Odyssey In Rice Type Classification Through Transfer Learning
Maximum Marks	5 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	K.Chandana
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S.Pavithra
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	R.Archana
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	M.Ram Prasad
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	
	Dashboard					

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	24/05/2025	29/05/2025	20	29/05/2025
Sprint-2	20	6 Days	02/06/2025	07/06/2025	20	07/06/2025
Sprint-3	20	6 Days	16/06/2025	21/06/2025	20	21/06/2025
Sprint-4	20	6 Days	22/06/2025	27/06/2025	20	27/06/2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

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https://www.atlassian.com/agile/tutorials/burndown-charts