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

Date	21 JUNE 2025
Team ID	LTVIP2025TMID37665
Project Name	SMART SDLC
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 ID	User Story / Task	Story Points	Priority	Team Members
Sprint-1 (Jun 21 – 22)	Backend Setup	USN-1	Set up FastAPI server with LLM endpoints	3	High	T1, T2
		USN-2	Integrate IBM Granite LLM locally	5	High	T2
	Frontend Basics	USN-3	Create Streamlit UI skeleton	2	Medium	T3,
Sprint-2 (Jun 23-24)	Requirement Analysis	USN-4	Extract requirements from PDF uploads	3	High	T4, T3
	Code Generation	USN-5	Generate Python code from natural language prompts	5	High	T1,T4

Sprint	Functional Requirement (Epic)	User Story ID	User Story / Task	Story Points	Priority	Team Members
Sprint-3 (Jun 24-25)	Bug Fixing	USN-6	Implement AI-assisted debugging	5	High	T1, T2

T1 – Tarun, T2 – Gowrav, T3 – Eshwar, T4 - Greeshma

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

Sprint	Total Story Points	Duration	Start Date	End Date (Planned)	Points Completed	Release Date (Actual)
Sprint-1	12	2 days	Jun 21, 2025	Jun 22, 2025	12	Jun 22, 2025
Sprint-2	12	2 days	Jun 23, 2025	Jun 24, 2025	12	Jun 24, 2025
Sprint-3	10	1 days	Jun 24, 2025	Jun 25, 2025	5 (projected)	Jun 25, 2025

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.

SmartSDLC Burndown (Jun 14-25, 2025)

Story Points

Remaining		
Completed (Sprint-1)		
	Completed (Sprint-2)	
		Projected (Sprint-3)

14/06 15/06 16/06 17/06 18/06 19/06 20/06 21/06 22/06 23/06 24/06 25/06