Project Planning Phase

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

Date	19 February 2026
Team ID	LTVIP2026TMIDS60653
Project Name	IntelliSQL: Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

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	Database Integration	USN-1	As a user, I can connect the system to a database and load its schema.	4	High	Samudram Hemanth
Sprint-1	Natural Language Input	USN-2	As a user, I can enter a natural language query in the application.	3	High	Meesala Pavan Kumar
Sprint-2	SQL Generation (LLM)	USN-3	As a user, I can convert natural language into SQL using Gemini Pro.	5	High	Vardhanapu Surya Prakash
Sprint-2	Query Execution	USN-4	As a user, I can execute the generated SQL query on the database.	4	High	Deepthi Seelam

Sprint-2	Result Visualization	USN-5	As a user, I can view query results in a table format on the dashboard.	4	Medium	Samudram Hemanth

Project Tracker, Velocity & Burndown Chart:

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	7	5 Days	02 Mar 2026	07 Oct 2026	7	07 Mar 2026
Sprint-2	13	6 Days	09 Mar 2026	14 Nov 2026	13	14 Mar 2026

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)

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