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

Date	19 February 2026
Team ID	LTVIP2026TMIDS76399
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	Shaik Abu Hanief
Sprint-1	Natural Language Input	USN-2	As a user, I can enter a natural language query in the application.	3	High	Shaik Abu Hanief
Sprint-2	SQL Generation (LLM)	USN-3	As a user, I can convert natural language into SQL using Gemini Pro.	5	High	Shaik Abu Hanief
Sprint-2	Query Execution	USN-4	As a user, I can execute the generated SQL query on the database.	4	High	Nuthan Tejas Nageedi
Sprint-2	Result Visualization	USN-5	As a user, I can view query results in a table format on the dashboard.	4	Medium	Nuthan Tejas Nageedi

Project Tracker, Velocity & Burndown Chart:

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)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)

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