

Project Planning Phase

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

Date	16 February 2026s
Team ID	LTVIP2026TMIDS49772
Project Name	TransLingua: AI-Powered Multi-Language Translator
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	User Interface Setup	USN-1	As a user, I can access a Streamlit-based interface to enter text and select source and target languages.	2	High	All Team Members
Sprint-1	Input Validation	USN-2	As a user, I want the application to validate text input and language selection before translation.	1	High	All Team Members
Sprint-2	AI Model Integration	USN-3	As a user, I want the system to translate text using Google Gemini 2.5 Flash model.	3	High	All Team Members
Sprint-2	Prompt Engineering	USN-4	As a developer, I want to construct structured prompts for context-aware translation	1	Medium	All Team Members
Sprint-3	Output Display	USN-5	As a user, I want to view the translated text clearly on the screen.	2	High	All Team Members
Sprint-3	Deployment	USN-6	As a user, I want the application to be deployed and accessible online.	2	Medium	All Team Members

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	4 Days	28 January 2026	31 January 2026	20	31 January 2026
Sprint 1	20	4 Days	28 January 2026	31 January 2026	20	31 January 2026
Sprint 2	20	8 Days	02 February 2026	09 February 2026	20	09 February 2026
Sprint 2	20	8 Days	02 February 2026	09 February 2026	20	09 February 2026
Sprint 3	20	7 Days	12 February 2026	18 February 2026	20	18 February 2026
Sprint 3	20	7 Days	12 February 2026	18 February 2026	20	18 February 2026