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

Date	15 February 2025
Team ID	LTVIP2026TMIDS78841
Project Name	Flavour Fusion: AI-Driven Recipe Blogging
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint-1 – UI & Basic Setup

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Streamlit Setup	USN-1	As a developer, I want to set up the Streamlit environment to build the web interface	2	High	
Sprint-1	Topic Input	USN-2	As a user, I can enter a recipe topic.	2	High	
Sprint-1	Word Count Selection	USN-3	As a user, I can specify the desired word count for the blog.	2	High	
Sprint-1	Basic UI Layout	USN-4	As a user, I can view a clean and structured interface.	2	Medium	

🔵 **Sprint-2 – AI Integration**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Gemini API Integration	USN-5	As a developer, I want to integrate Gemini 1.5 Flash API.	5	High	
Sprint-2	Prompt Engineering	USN-6	As a developer, I want to structure prompts for recipe blog generation.	3	High	
Sprint-2	Blog Generation	USN-7	As a user, I can generate a complete recipe blog.	5	High	

● Sprint-3 – Enhancement Features

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Joke Feature	USN-8	As a user, I can see a programmer joke while blog is generating.	2	Medium	
Sprint-3	Output Formatting	USN-9	As a user, I can view structured blog output (Intro, Ingredients, Steps, Tips).	3	High	
Sprint-3	Copy/Export Option	USN-10	As a user, I can copy or export the generated blog.	3	Medium	

● Sprint-4 – Testing & Deployment

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Testing	USN-11	As a developer, I want to test blog generation accuracy.	3	High	
Sprint-4	UI Improvements	USN-12	As a user, I want a smooth and responsive interface.	3	Medium	
Sprint-4	Deployment	USN-13	As a developer, I want to deploy the app using Streamlit.	4	High	

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	8	6 Days	1 Feb 2026	6 Feb 2026	8	6 Feb 2026
Sprint-2	13	6 Days	8 Feb 2026	13 Feb 2026	13	8 Feb 2026
Sprint-3	8	6 Days	15 Feb 2026	20 Feb 2026	8	15 Feb 2026
Sprint-4	9	6 Days	22 Feb 2026	27 Feb 2026	9	22 Feb 2026

Velocity:
If each sprint duration is 6 days, and average story points completed per sprint =
(8 + 13 + 8 + 9) / 4 = 9.5 ≈ 10 story points per sprint
Average Velocity per day:
10 ÷ 6 = 1.6 story points per day

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

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

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