

## Project Initialization and Planning Phase

Date	02 February 2026
Team ID	LTVIP2026TMIDS65532
Project Name	Explore With Ai: Custom Itineraries For Your Next Journey
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Project Setup	USN-1	As a developer, I want to set up the project environment and install required libraries so that development can start smoothly.	2	High	M. Yuvaraj	28 January 2026	31 January 2026
Sprint-1	Model Initialization	USN-2	As a developer, I want to generate and configure the Gemini API key to enable interaction with the generative AI model.	2	High	P. Anjali	28 January 2026	31 January 2026
Sprint-2	AI Integration	USN-3	As a user, I want to generate a personalized travel itinerary by providing destination, days, and	3	High	K. Sree Vidya Lakshmi	02 February 2026	09 February 2026

			nights so that I can plan my trip easily.					
Sprint-2	Prompt Handling	USN-4	As a system, I want to send structured prompts to the Gemini model to generate meaningful and detailed itineraries.	2	Medium	R. Sindhu	05 February 2026	09 February 2026
Sprint-3	User Interface	USN-5	As a user, I want a simple and interactive Streamlit interface to enter travel details and view generated itineraries.	2	High	P.Anjali, M.Yuvaraj	10 February 2026	12 February 2026
Sprint-3	Error Handling	USN-6	As a user, I want the system to validate inputs and display error messages so that incorrect inputs are handled properly.	1	Medium	R.Sindhu, K.Sree Vidya Lakshmi	12 February 2026	18 February 2026
Sprint-4	Deployment	USN-7	As a developer, I want to deploy the application using Streamlit so that users can access it through a web interface.	2	High	M.Yuvaraj, P.Anjali, R.Sindhu, K.Sree Vidya Lakshmi	14 February 2026	18 February 2026