Sprint Planning project Template

Date	30 June 2025
Team ID	LTVIP2025TMID38464
Project Name	Sustainable Smartcity Assistant Using IBM Granite LLM
Maximum 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 Authentication	USN-1	As a user, I can register using email and password	2	High	Vasantha Lakshmi
Sprint-1	User Authentication	USN-2	As a user, I can login using email and password	1	High	Abhishek
Sprint-1	User Authentication (OAuth)	USN-3	As a user, I can login/register using Google OAuth	3	High	Akshai
Sprint-1	Role Management	USN-4	After login, I can select role as 'Citizen' or 'Administrator'	2	Medium	Bangarraju
Sprint-2	Policy Summarization	USN-5	As a user, I can upload a policy document and receive a summary via AI	3	High	Vasantha Lakshmi
Sprint-2	Citizen Feedback	USN-6	As a citizen, I can submit feedback or complaints through a form	2	Medium	Akshai

Sprint-2	Feedback Analysis	USN-7	As an admin, I can view analyzed citizen feedback with sentiment classification	3	High	Abhishek
Sprint-3	Eco Tips Generator	USN-8	As a citizen, I can receive daily eco tips personalized to my role or location	2	Medium	Bangarraju
Sprint-3	KPI Forecasting	USN-9	As an admin, I can view KPI forecasts using visual charts and graphs	3	High	Akshai
Sprint-3	Data Visualization	USN-10	As an admin, I can track trends using real-time KPI visualizations	2	Medium	Vasantha Lakshmi
Sprint-4	Anomaly Detection	USN-11	As an admin, I can receive alerts for unusual activity in city data (e.g., traffic, energy usage)	3	High	Abhishek
Sprint-4	Admin Dashboard	USN-12	As an administrator, I can manage citizen feedback, view KPIs, and summarize policy insights	3	High	Bangarraju
Sprint-5	AI Chat Assistant	USN-13	As a user, I can ask city-related queries via a natural language interface	3	High	Akshai
Sprint-5	Chat Backend Integration	USN-14	As a developer, I can connect the chat UI to backend	3	High	Vasantha Lakshmi

			services (Granite, Pinecone)			
Sprint-5	Error Handling & Routing	USN-15	As a user, I can be redirected to correct modules based on role and get appropriate error messages	2	Medium	Abhishek

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	8	2 Days	20 June 2025	21 June 2025	8	21 June 2025
Sprint-2	8	2 Days	22 June 2025	23 June 2025	8	23 June 2025
Sprint-3	6	2 Days	24 June 2025	25 June 2025	6	25 June 2025
Sprint-4	5	2 Days	25 June 2025	26 June 2025	5	26 June 2025
Total	27	8 Days	—	—	27	—

Velocity

Team Average Velocity (AV):
✅ 22 story points over 3 completed sprints (6 days)
✅ **AV = 22 ÷ 6 = ~3.66 story points/day**