

Project Planning Phase

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

Date	27-JUNE 2025
Team ID	LTVIP2025TMID29301
Project Name	Citizen AI – Intelligent Citizen Engagement Platform using IBM Granite”
Maximum Marks	5 Marks

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

5. PROJECT PLANNING & SCHEDULING

5.1 Project Planning

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

Sprint	Functional Requirement (Epic)	User Story No.	User Story / Task	Story Points	Priority	Team Member
Sprint-1	Environment Setup	USN-1	Set up Flask project structure, virtual env, and dependencies	2	High	Tamaraana Sruthi
Sprint-1	Granite LLM Integration	USN-2	Connect IBM Granite via Hugging Face and return test response	3	High	Pothabattthula Sandeep
Sprint-1	Chat Assistant Module	USN-3	Create /chat route and connect it to frontend UI	3	High	Nakka Santhosh Kumar
Sprint-1	UI Setup	USN-4	Design HTML pages for chat, login, and home using Bootstrap	2	Medium	Tamaraana Sruthi
Sprint-2	Feedback Module	USN-5	Build form to submit citizen issues and show confirmation	3	High	Nakka Santhosh Kumar
Sprint-2	Sentiment Analysis	USN-6	Analyze feedback sentiment (positive/neutral/negative)	3	Medium	Thadicherla Chandra Manikanta Sri Devi Prasad
Sprint-2	Admin Dashboard	USN-7	Display issue list and sentiment metrics for admin	4	High	Pothabattthula Sandeep
Sprint-2	User Authentication	USN-8	Add login/logout functionality with session handling	2	Medium	Tamaraana Sruthi
Sprint-2	Deployment & Testing	USN-9	Deploy application on Render/Firebase & conduct unit and integration testing	3	Medium	T.Chandra Manikanta Sri Devi Prasad

5.2 Velocity & Timeline

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	10	5 Days	01 Feb 2025	05 Feb 2025	10
Sprint-2	15	5 Days	06 Feb 2025	10 Feb 2025	15

- **Total Story Points:** 21
- **Sprint Duration:** 1 week each
- **Velocity:** ~5–6 story points/week
- **Estimated Completion:** 4 weeks (including testing & deployment)