**Project Planning Phase**

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

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| --- | --- |
| Date | 26 JUNE 2025 |
| Team ID | LTVIP2025TMID59973 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| 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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 5 | High | 4 |
| Sprint-1 | Form submission, Tracking | USN-2 | As a citizen, I want to submit feedback or complaints to local authorities. | 8 | High | 4 |
| Sprint-2 | Dashboard ,filtering | USN-3 | As an admin., I want to view and manage citizen requests | 5 | Medium | 4 |
| Sprint-1 | Email/SMS Notifications | USN-4 | As a citizen, I want to receive status notifications on my requests | 3 | Medium | 4 |
| Sprint-1 | Charts reports | USN-5 | As an admin, I want analytics on citizen engagement | 8 | Low | 4 |
| Sprint-2 | Chatbot integration | USN-6 | As a citizen, I want access FAQs and AI-powered help | 5 | Medium | 4 |
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|  |  |  |  |  |  |  |

**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 | 13 | 6 Days | 9 June 2025 | 14 June 2025 | 20 | 16 June 2022 |
| Sprint-2 | 13 | 6 Days | 16 June 2022 | 21 June 2022 | 20 | 20 June 2022 |
| Sprint-3 | 8 | 6 Days | 23 June 2022 | 27 June 2022 | 20 | 22 June 2022 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)



**Burn Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.