**Project Planning Phase**

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

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| --- | --- |
| Date | 10 June 2025 |
| Team ID | LTVIP2025TMID32176 |
| 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 citizen, I can type a question and receive an AI-driven response in real-time regarding government services. | 3 | High | 4 |
| Sprint-1 |  | USN-2 | As a citizen, I can receive quick access to information, support, and report issues 24/7 through the AI assistant. | 3 | High | 4 |
| Sprint-2 |  | USN-3 | As a government official, I can view the sentiment (Positive, Neutral, Negative) of citizen feedback. | 2 | Low | 4 |
| Sprint-1 |  | USN-4 | As a government official, I can identify areas of public satisfaction or concern based on sentiment analysis. | 2 | Medium | 4 |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 5 | High | 4 |
|  | Dashboard |  |  |  |  |  |
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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 | 20 | 6 Days | 24 may 2025 | 29 may 2025 | 20 | 29 june 2022 |
| Sprint-2 | 20 | 6 Days | 31 may 2025 | 05 June 2025 | 20 |  |
| Sprint-3 | 20 | 6 Days | 07 June 2025 | 12 june 2025 | 20 |  |
| Sprint-4 | 20 | 6 Days | 14 june 2025 | 19 june 2025 | 20 |  |
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**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)



**Burndown 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.

**<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>**

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

**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>**