CIT-AI – Project Planning Phase

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| --- | --- |
| Date | 29/JUN/2025 |
| Team ID | LTVIP2025TMID32012 |
| Project Name | Citizen-ai |
| Maximum Marks | 5 Marks |

# Agile Concepts

• Sprint → A fixed period during which a team completes specific tasks.

• Epic → A large task or feature too big for one sprint. It’s split into smaller stories completed over multiple sprints.

• Story → A smaller task that is part of an Epic.

• Story Point → A number representing how much effort a story takes to complete, often based on the Fibonacci series.

# Product Backlog, Sprint Schedule, and Estimation

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | Registration & Authentication | USN-1 | As a user, I can register for the CIT-AI platform using email and password. | 2 | High | [Your Names] |
| Sprint-1 | Registration & Authentication | USN-2 | As a user, I receive a confirmation email after registration. | 1 | High | [Your Names] |
| Sprint-1 | Registration & Authentication | USN-3 | As a user, I can log in with my email and password. | 1 | High | [Your Names] |
| Sprint-1 | Dashboard | USN-4 | As a user, I can see a dashboard with options like Aadhaar, PAN, and Voter ID services. | 3 | High | [Your Names] |
| Sprint-2 | AI Chatbot Integration | USN-5 | As a user, I can chat with an AI bot for guidance on government services. | 5 | High | [Your Names] |
| Sprint-2 | Multilingual Support | USN-6 | As a user, I can use the chatbot in different Indian languages. | 4 | Medium | [Your Names] |
| Sprint-3 | Voice Interaction | USN-7 | As a user, I can speak to the system and hear voice replies (TTS/STT integration). | 5 | Medium | [Your Names] |
| Sprint-3 | Form Automation | USN-8 | As a user, I can fill government forms directly with guided help. | 4 | High | [Your Names] |
| Sprint-3 | Status Tracking | USN-9 | As a user, I can check the status of my government service applications. | 3 | Medium | [Your Names] |
| Sprint-4 | Notifications & Alerts | USN-10 | As a user, I receive reminders about deadlines and service updates. | 2 | Medium | [Your Names] |
| Sprint-4 | Deployment | USN-11 | As a developer, I deploy the CIT-AI platform using Flask and Firebase. | 3 | High | [Your Names] |

# Project Tracker, Velocity & Burndown Chart

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 7 | 5 Days | 15 Feb 2025 | 19 Feb 2025 | 7 | 19 Feb 2025 |
| Sprint-2 | 9 | 5 Days | 20 Feb 2025 | 24 Feb 2025 |  |  |
| Sprint-3 | 12 | 5 Days | 25 Feb 2025 | 01 Mar 2025 |  |  |
| Sprint-4 | 5 | 5 Days | 02 Mar 2025 | 06 Mar 2025 |  |  |

## Velocity Calculation

Total Story Points Completed = 7 + 9 + 12 + 5 = 33

Number of Sprints = 4

Velocity = 33 / 4 = 8.25 story points per sprint

Average velocity per day = 8.25 / 5 = 1.65 story points per day.

## Burndown Chart Data

|  |  |
| --- | --- |
| Day | Remaining Story Points |
| 0 | 33 |
| 1 | 26 |
| 2 | 19 |
| 3 | 12 |
| 4 | 5 |
| 5 | 0 |