Project Planning Phase

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

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| --- | --- |
| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID31802 |
| Project Name | Citizen AI |
| Maximum Marks | 5 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint / Epic | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1: Chat Assistant | USN-1 | As a user, I can ask civic-related questions and get real-time responses using the AI chatbot. | 3 | High | Member A |
| Sprint-1: Chat Assistant | USN-2 | As a user, I should see the assistant response displayed clearly after submission. | 2 | Medium | Member A |
| Sprint-2: Sentiment Analysis | USN-3 | As a user, I can submit my feedback and view its sentiment classification. | 3 | High | Member B |
| Sprint-2: Dashboard | USN-4 | As an official, I can view a dynamic dashboard of feedback trends. | 4 | High | Member B |
| Sprint-3: Downloads | USN-5 | As an official, I can download sentiment logs as CSV or JSON. | 2 | Medium | Member C |
| Sprint-3: Error Handling | USN-6 | As a user, I am notified of invalid input or API issues gracefully. | 2 | Low | Member C |

**Project Tracker, Velocity & Burndown Chart (4 Marks)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 10 | 17 June 2025 | 19 June 2025 | 10 | 19 June 2025 |
| Sprint-2 | 10 | 20 June 2025 | 21 June 2025 | 10 | 21 June 2025 |
| Sprint-3 | 8 | 22 June 2025 | 24 June 2025 | 8 | 24 June 2025 |

Velocity: With consistent sprint velocity of ~10 story points over 6-day cycles, the team maintains a strong pace of delivery.

Burndown Chart: Remaining story points decrease steadily with each sprint, indicating effective planning and timely progress.