Project Planning Phase

Date: 25 June 2025

Team ID: LTVIP2025TMID38479

Project Name: Citizen AI – Intelligent Citizen Engagement Platform

Maximum Marks: 5 Marks

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-1 | User Registration & Login | USN-1 | As a citizen or official, I want to register/login securely with authentication(mobile/ email) | 2 | High | Karishma |
| Sprint-1 | Role-based Access Control | USN-2 | As a user, I want to be routed to citizen/official dashboard based on my role | 1 | High | Karishma |
| Sprint-2 | Civic Query Submission | USN-3 | As a citizen, I want to submit my civic issue/query using a simple form | 3 | High | Karishma |
| Sprint-2 | AI-based Response Generation | USN-4 | As a student, I can generate learning content on a topic | 3 | High | Karishma |
| Sprint-3 | Notification System | USN-5 | As a citizen, I want to get notified when my query is responded to | 2 | Medium | Karishma |
| Sprint-3 | Feedback & Ratings | USN-6 | As a citizen, I want to give feedback or rate the resolution | 2 | Medium | Karishma |
| Sprint-4 | Official Dashboard | USN-7 | As an official, I want to view analytics, pending queries, and performance data | 2 | Medium | Karishma |
| Sprint-4 | Query History (Citizen View) | USN-8 | As a citizen, I want to view my submitted queries and response timeline | 3 | High | Karishma |
| Sprint-4 | Language & Accessibility Options | USN-9 | As a user, I want support for multiple languages and accessibility for better usability | 2 | Medium | Karishma |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed | Sprint Release Date (Actual) |
| Sprint-1 | 8 | 7 Days | 15 June 2025 | 21 June 2025 | 8 | 21 June 2025 |
| Sprint-2 | 8 | 2 Days | 22 June 2025 | 23 June 2025 | 8 | 23 June 2025 |
| Sprint-3 | 6 | 2 Days | 24 June 2025 | 25 June 2025 | 6 | 25 June2025 |
| Sprint-4 | 5 | 2 Days | 25 June 2025 | 26 June2025 | - | - |

**Velocity**

Team Average Velocity (AV):

22 story points over 3 completed sprints (6 days)

AV = 22 / 6 = ~3.66story points/day