**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 27 JUNE 2025 |
| Team ID | LTVIP2025TMID20276 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| Maximum Marks | 5 Marks |

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

**✅ Product Backlog & Sprint Breakdown**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sprint** | **Epic / Module** | **User Story ID** | **User Story Description** | **Story Points** | **Priority** |
| **Sprint-1** | **Chatbot Interaction** | **US-001** | **As a citizen, I can chat with an AI assistant to ask civic queries.** | **3** | **High** |
| **Sprint-1** | **Feedback Submission** | **US-002** | **As a citizen, I can submit feedback that will be analyzed for sentiment.** | **2** | **High** |
| **Sprint-2** | **Civic Concern Reporting** | **US-003** | **As a citizen, I can report an issue with title, category, and description.** | **2** | **High** |
| **Sprint-2** | **Admin Login** | **US-004** | **As an admin, I can log into the dashboard securely.** | **2** | **Medium** |
| **Sprint-3** | **Admin Dashboard** | **US-005** | **As an admin, I can view reported concerns and feedback analysis with graphs.** | **3** | **High** |
| **Sprint-3** | **Sentiment Analytics** | **US-006** | **As an admin, I can view aggregated sentiment results in charts.** | **2** | **Medium** |
| **Sprint-4** | **Email Notification (Optional)** | **US-007** | **As an admin, I get email alerts on frequently reported or critical issues.** | **2** | **Low** |
| **Sprint-5** | **Multilingual Chatbot (Optional)** | **US-008** | **As a citizen, I can chat with the assistant in my native language (e.g., Telugu/Hindi).** | **3** | **Low** |

**📊 Sprint Schedule & Tracker**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Duration** | **Start Date** | **End Date** | **Story Points** | **Completed** | **Planned Release** |
| **Sprint-1** | **5 Days** | **23 May 2025** | **27 May 2025** | **5** | **✅ Yes** | **27 May 2025** |
| **Sprint-2** | **6 Days** | **28 May 2025** | **2 Jun 2025** | **4** | **✅ Yes** | **2 Jun 2025** |
| **Sprint-3** | **5 Days** | **3 Jun 2025** | **7 Jun 2025** | **5** | **⏳ In Progress** | **7 Jun 2025** |
| **Sprint-4** | **6 Days** | **10 Jun 2025** | **15 Jun 2025** | **2** | **⏳ Planned** | **15 Jun 2025** |
| **Sprint-5** | **6 Days** | **17 Jun 2025** | **22 Jun 2025** | **3** | **⏳ Planned** | **22 Jun 2025** |
| **Sprint-6** | **Final Wrap-up** | **24 Jun 2025** | **27 Jun 2025** | **Demo, Testing, Docs** | **—** | **27 Jun 2025** |

**⚙️ Velocity Estimation & Planning**

* **Sprint-1 Velocity: 5 SP / 5 Days = 1.0 SP/day**
* **Estimated Team Velocity: ~1.1 story points per day**
* **Total Story Points Planned: 19–22 across 5 sprints**