**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 April 2025 |
| Team ID | SWTID1744120590 |
| Project Name | Survey App |
| Maximum Marks | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation:**

**Sprint Planning for SurveyAppMERN:**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Member** |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint-1** | User Registration | USN-1 | As a user, I can register using email and password to create surveys. | 3 | High | Hemansh |
| **Sprint-1** | Email Verification | USN-2 | As a user, I receive a confirmation email after registration. | 2 | High | Shreya |
| **Sprint-2** | Social Auth Integration | USN-3 | As a user, I can register/login using my Google account. | 3 | Medium | Rammez |
| **Sprint-2** | Survey Creation | USN-4 | As a user, I can create a new survey with a title and description. | 5 | High | Atif |
| **Sprint-2** | Dashboard | USN-5 | As a user, I can see my created surveys on the dashboard after login. | 3 | High | Shreya |
| **Sprint-3** | Question Management | USN-6 | As a user, I can add multiple question types (MCQ, text, rating) to my survey. | 8 | High | Hemansh |
| **Sprint-3** | Survey Sharing | USN-7 | As a user, I can share my survey via a public link. | 2 | Medium | Atif |
| **Sprint-4** | Response Analytics | USN-8 | As a user, I can view real-time response charts for my surveys. | 5 | High | Atif |
| **Sprint-4** | Export Data | USN-9 | As a user, I can export survey responses as CSV/PDF. | 3 | Medium | Rammez |
| **Sprint-5** | Premium Features | USN-10 | As a premium user, I can customize survey branding (logo/colors). | 5 | Low | Shreya |

**Project Tracker**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** | **Sprint Release Date (Actual)** | **Status** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 8 | 6 Days | 24 March 2025 | 29 March 2025 | 8 | 29 March 2025 | On Time |
| Sprint-2 | 10 | 6 Days | 31 March 2025 | 5 April 2025 | 7 | 7 April 2025 | Delayed |
| Sprint-3 | 12 | 6 Days | 7 April 2025 | 12 April 2025 | 10 | 14 April 2025 | Delayed |
| Sprint-4 | 15 | 6 Days | 14 April 2025 | 19 April 2025 | - | - | Planned |

**Velocity Metrics**

* **Sprint Duration**: 6 days
* **Team Velocity**:
  + Sprint-1: 8 story points
  + Sprint-2: 7 story points
  + Sprint-3: 10 story points
* **Average Velocity**: (8 + 7 + 10) / 3 = 8.33 story points/sprint
* **Average Velocity/Day**: 8.33 / 6 ≈ 1.39 story points/day