**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 April 2025 |
| Team ID | Team -145206 |
| Project Name | Sociopedia (MERN Stack Social Media App) |
| Maximum Marks | 5 Marks |

**Project Planning & Sprint Management**

**Date: 18 April 2025  
Project Name: Sociopedia (MERN Stack Social Media App)**

**1. Product Backlog & Sprint Planning**

***(Matches features from your report's Sections 3.2 and 5.1)***

| **Sprint** | **Epic** | **User Story** | **Story Points** | **Priority** |
| --- | --- | --- | --- | --- |
| **Sprint-1** | **Authentication** | **USN-1: User registration (email/password)** | **2** | **High** |
| **Sprint-1** | **Authentication** | **USN-2: Email confirmation after registration** | **1** | **High** |
| **Sprint-1** | **Authentication** | **USN-5: Login with email/password** | **1** | **High** |
| **Sprint-2** | **Social Features** | **USN-6: Create/delete posts** | **3** | **High** |
| **Sprint-2** | **Social Features** | **USN-7: Like/comment functionality** | **2** | **Medium** |

**Key Alignment:**

* **Prioritized authentication and core social features first (matches *Week 3-4* in your timeline).**
* **Story points reflect effort for MERN stack implementation (e.g., JWT auth = 2pts).**

**2. Sprint Tracker**

***(Adapted from your template)***

| **Sprint** | **Total SP** | **Duration** | **Start Date** | **End Date** | **Features Delivered** |
| --- | --- | --- | --- | --- | --- |
| **Sprint-1** | **10** | **7 days** | **15-Feb-2025** | **22-Feb-2025** | **User auth, email verification** |
| **Sprint-2** | **15** | **7 days** | **24-Feb-2025** | **02-Mar-2025** | **Post creation, like/comment** |
| **Sprint-3** | **20** | **7 days** | **04-Mar-2025** | **11-Mar-2025** | **Follow system, profile editing** |

**Notes:**

* **Velocity: 15-20 SP/sprint (matches *5-week timeline* in your report).**
* **Tools Used: GitHub Projects (as mentioned in *Section 5.1*).**

**3. Burndown Chart Example**

**For Sprint-1 (10 Story Points):**

**plaintext**

**Copy**

**Download**

**Day 1: 10 SP remaining**

**Day 3: 7 SP remaining**

**Day 5: 3 SP remaining**

**Day 7: 0 SP remaining**

**Visualization Tip: Use**[**this free generator**](https://www.scrum-institute.org/burndown_chart.php)**to create a chart.**

**Caption:**

***"Figure 5.1: Sprint-1 burndown chart showing steady progress on authentication features."***

**4. Suggested Report Integration**

* **In Section 5.1 (Project Planning):**

***"Sociopedia followed Agile sprints, prioritizing authentication (Sprint-1) and post interactions (Sprint-2). Velocity averaged 15-20 SP/week (see Table 5.1)."***

* **Appendix:**
  + **Include the full backlog table.**
  + **Add burndown chart screenshot.**