

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	Epic	User Story	Story Points	Priority
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

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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](#) 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.**