**Project Planning Phase**

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

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| --- | --- |
| Date | 8 Oct 2025 |
| Team ID | SWUID20250179172 |
| Project Name | Social Media App |
| Maximum Marks | 5 Marks |

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

**Product Backlog & Sprint Schedule**

(MERN)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Feature | Sprint | User Story | Story Points |
| 1 | User Authentication (JWT Security) | Sprint 1 | As a user, I want to sign up and log in securely so that I can protect my account. | 3 points |
| 2 | Real-time Chat with Socket.io | Sprint 2 | As a user, I want to chat in real-time so that I can collaborate easily. | 2 points |
| 3 | Post Creation & Interaction | Sprint 2 | As a user, I want to create posts and share media to engage with my followers. | 2 points |
| 4 | Story Upload & Expiry (24 hrs) | Sprint 2 | As a user, I want to upload temporary stories for quick updates. | 3 points |
| 5 | Profile Management | Sprint 2 | As a user, I want to edit my profile details to keep my account updated. | 3 points |
| 6 | Notifications System | Sprint 3 | As a user, I want to receive notifications to stay updated. | 2 points |
| 7 | Save/Explore Posts | Sprint 3 | As a user, I want to save posts to view them later. | 3 points |
| 8 | Follow/Unfollow Users | Sprint 2 | As a user, I want to manage my network by following or unfollowing users. | 2 points |
| 9 | Responsive UI Design | Sprint 3 | As a user, I want the app to work well on all devices for convenience. | 2 points |
| 10 | MongoDB Schema & API Integration | Sprint 1 | As a developer, I want structured schemas to manage data effectively. | 3 points |

**Project Tracker, Velocity & Burndown Chart**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| **Sprint-1** | 20 | 6 Days | 8 Oct 2025 | 22 Oct 2025 | 20 | 22 Oct 2025 |
| **Sprint-2** | 20 | 6 Days | 10 Oct  2025 | 24 Oct 2025 | 20 | 24 Oct 2025 |
| **Sprint-3** | 20 | 6 Days | 12 Oct  2025 | 26 Oct 2025 | 20 | 26 Oct 2025 |
| **Sprint-4** | 20 | 6 Days | 14 Oct 2025 | 28 Oct 2025 | 20 | 28 Oct 2025 |