

Planning Logic for Sociopedia

A Sprint is a fixed period during which the team completes a set of tasks.

An Epic is a large task or project too big for a single sprint, broken into smaller tasks (Stories).

A Story is a small, manageable piece of work that is part of an Epic.

Story Points represent how much effort is needed for a story (estimated using the Fibonacci series: 1, 2, 3, 5, 8, 13, ...).

- Very Easy task → 1 Story Point
 - Easy task → 2 Story Points
 - Moderate task → 3 Story Points
 - Difficult task → 5 Story Points
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Sprint 1: (5 Days)

Ideation Phase & Initial Setup

- Problem Identification and Research → 3
- Finalizing Core Features → 2
- Wireframing UI Designs → 2
- Setting up Frontend Environment (React.js) → 3
- Setting up Backend Server (Node.js + Express.js) → 3

Sprint 1 Total = 13 Story Points

Sprint 2: (5 Days)

Core Feature Development

- User Authentication (Signup/Login with JWT) → 5
- Post Creation Feature → 3
- Comment and Like System Implementation → 3
- Profile Management (view/edit) → 3
- Connecting Frontend to Backend APIs → 5

Sprint 2 Total = 19 Story Points

Sprint 3: (5 Days)

Testing, Optimization & Deployment

- **UI Testing and Bug Fixing → 3**
- **Backend API Testing → 3**
- **Performance Optimization (Lazy loading, Pagination) → 3**
- **Deployment on Cloud (e.g., Render/Netlify) → 5**
- **Preparing Documentation and Final Report → 3**

Sprint 3 Total = 17 Story Points

Velocity Calculation

Total Story Points = 13 + 19 + 17 = 49

Number of Sprints = 3

Velocity = $49 \div 3 \approx 16$ Story Points per Sprint

Your team's Velocity for Sociopedia is 16 Story Points per Sprint.