**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**

**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 ÷ 3 ≈ 16 Story Points per Sprint**

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