

Planning Logic

Sprint Planning & Story Points:

- **Sprint:** A fixed duration (usually 5-7 days) during which the team completes a defined set of tasks.
- **Epic:** A large feature or functionality that is broken down into smaller units called stories.
- **Story:** A specific task or feature that contributes to an epic.
- **Story Points:** A measure of effort to complete a story, typically using the Fibonacci scale (1, 2, 3, 5...).

Sprint 1 (5 Days):

Epic: User & Admin Authentication + UI Design

Task	Story	Story Points
Create user registration and login UI	UI Component	2
Implement JWT-based user authentication (backend)	Backend API	3
Admin login & dashboard setup	UI & Auth	2
Create database schema for Users and Roles	Data Modeling	3

- Total Story Points - Sprint 1 = 10

Sprint 2 (5 Days)

Epic: Complaint Management System

Task	Story	Story Points
Complaint form creation & validation	Frontend	3
Backend API for complaint submission	API	2
Complaint status tracking (User view)	Frontend/Backend	3
Admin dashboard for assigning complaints	Full-stack	5
Agent dashboard for status updates	Full-stack	3

- Total Story Points - Sprint 2 = 16

Velocity Calculation

Velocity = Total Story Points Completed / Number of Sprints

$$= (10 + 16) / 2$$

$$= 13 \text{ Story Points per Sprint}$$