

## Planning Logic

### Sprint Planning&Story Points:

- **Sprint:** A fixed duration(usually 5-7days) during which a team works to complete a 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 Point:** 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 Authentication(Backend)	Backend&API	3
Admin Login&User Setup	UI&Auth	2
Create Database Schema for Users&their roles	Data Modelling	3

- Total Story Points-Sprint 1=16

## Sprint 2(5 days)

**Epic:**Course Management System

Task	Story	Story Points
Register form creation&validation	UI Component	3
Backend API for registration submission	API	2
Registration status tracking(User View)	Frontend/Backend	3
Admin dashboard for assigning courses	Full-Stack	5
User dashboard for status updates	Full-Stack	3

- Total story Point - Sprint 2= 16

## Velocity Calculation:

Velocity = Total Story Points Completed / Number of Sprints

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

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