**Planning logic**

**A Sprint** fixed period or duration in which a team works to complete a set of tasks

An **Epic** is a **big task or project** that is too large to complete in one sprint. It is broken down into **smaller tasks (stories)** that can be completed over multiple sprints.

A **Story** is a small task . It is part of an **Epic**.

A **Story Point** is a number that represents how much effort a story takes to complete. (usually in form of Fibonacci series)

1. Very Easy task
2. Easy task
3. Moderate task
4. Difficult task

Sprint 1 (Duration: 2 Days)

Epic: Chat Assistant & Feedback System

• Implement Chat Assistant UI – 2 SP  
• Integrate IBM Granite Chat Response – 3 SP  
• Create Feedback Submission Flow – 2 SP  
• Validate Input and Handle Errors – 2 SP

Sprint 2 (Duration: 1 Day)

Epic: Sentiment Analysis & Dashboard

• Integrate Hugging Face Sentiment Model – 5 SP  
• Plot Sentiment Trends (Line & Bar Charts) – 3 SP

Sprint 3(Duration:2 days)  
• Export CSV/JSON Logs – 2 SP  
• Create Tabbed Dashboard Interface – 3 SP  
• Deploy using Gradio Interface – 3 SP

**Velocity Calculation**

Total Story Points: Sprint 1 (9) + Sprint 2 (16) = 25

Number of Sprints: 2

Velocity = Total Story Points / Number of Sprints = 25 / 2 = 12.5 Story Points/Sprint

The planning logic follows Agile principles ensuring manageable, trackable tasks over two sprints with optimal team load and delivery pacing.