

Sprint Planning – Flavour Fusion

Definitions

- **Sprint** – A fixed time period in which the team completes a set of tasks for Flavour Fusion.
- **Epic** – A large feature (like AI Integration or UI Development) that is broken into smaller stories.
- **Story** – A small task under an Epic.
- **Story Point** – Effort required to complete a story (Fibonacci: 1, 2, 3, 5).

Effort Levels:

- 1 → Very Easy
- 2 → Easy
- 3 → Moderate
- 5 → Difficult

Storypoint -5 (1,2,3,5)

Sprint 1

UI Development & Basic Setup (Epic 1)

- Setting up Streamlit Environment (USN1) → 2
- Creating Topic Input Field (USN2) → 1
- Creating Word Count Selection (USN3) → 2
- Designing Basic UI Layout (USN4) → 3

AI Integration Setup (Epic 2)

- Generating Gemini API Key (USN5) → 1
- Connecting to Gemini 1.5 Flash API (USN6) → 5

Total Story Points in Sprint 1

$$\begin{aligned} &= 2 + 1 + 2 + 3 + 1 + 5 \\ &= \mathbf{14} \end{aligned}$$

Sprint 2

Blog Generation Logic (Epic 3)

- Writing Prompt Template (USN7) → 3

- Implementing Blog Generation Function (USN8) → 5
- Structuring Output (Intro, Ingredients, Steps, Tips) (USN9) → 3

Enhancement Features (Epic 4)

- Adding Programmer Joke Feature (USN10) → 2
- Copy/Export Blog Option (USN11) → 3

Total Story Points in Sprint 2

$$\begin{aligned} &= 3 + 5 + 3 + 2 + 3 \\ &= \mathbf{16} \end{aligned}$$

Total Story Points

Sprint 1 = 14

Sprint 2 = 16

Total Story Points = 14 + 16 = **30**

Velocity = Total Story Points Completed / Number of Sprints

$$= 30 / 2$$

= **15 Story Points per Sprint**