

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
- 5- Difficult task

Sprint 1: User Interface & Experience

Sprint	Feature Area	Task Description	Story Point
1	Streamlit UI Setup	Build Streamlit layout with toggle modes	2
1	Output Formatting	Ensure clean formatting of responses	3
1	Mode Switching Logic	Toggle between explanation & quiz mode	3

Total Sprint 1 Points:

Sprint 2: AI Prompting & Response Handling

Sprint 3: API Integration & Deployment

Sprint	Feature Area	Task Description	Story Point
3	IBM Watsonx Integration	Connect and authenticate with Watsonx via API key	3
3	Streamlit Deployment	Run app on <code>localhost:8501</code> and prepare for demo	2
3	Error Handling	Manage invalid input or API failures	3

Total Sprint 3 Points: 8

Velocity & Summary

Sprint	Story Points
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Sprint 1	8
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Sprint 2	11
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Sprint 3	8
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Total	27
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Velocity = Total Story Points / No. of Sprints = **27 / 3 = 9**

Team Velocity: 9 Story Points per Sprint