**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: (3 Days)**

User Management

Registration, Gmail Login, Login **5**

View Room Listings **1**

Connect MongoDB, REST APIs **3**

**Sprint 2 (3 Days)**

Room Booking

Add Room Listing **3**

View Room Listings **1**

Book a Room **3**

View Booking History **2**

Cancel Booking **3**

**Sprint 3 (5 Days)**

Admin Panel: Add/Remove Users **3**

Role-Based Access Control **5**

Connect MongoDB with Express.js **3**

REST API for Room Management **3**

**Sprint 4 (5 Days)**

UI with Bootstrap and Material UI **3**

Deploy backend using Express + Node **2**

Deploy frontend to hosting platform **2**

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**Total Story Points**

Sprint 1 = 9

Sprint 2 = 14

Velocity= Total Story Points Completed​/ Number of Sprints

Total story Points= 9+14 =23

No of Sprints= 2

**Velocity** = (9+14)/2= 23/2

11.5 (Story Points per Sprint) ->Rounded to 12 Story Points per Sprint

**Your team’s velocity is 12 Story Points per Sprint.**