

**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: (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

#### **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.**