**Project Planning Logic**

* A **Sprint** is a fixed period during which a team works to complete a defined set of tasks or user stories.
* An **Epic** is a large functional requirement that is too complex to finish in a single sprint. It is broken down into smaller, actionable **User Stories**.
* A **User Story** represents a small, independent feature or task that contributes to an Epic and can be completed within a sprint.
* A **Story Point** is a unit of effort used to estimate the complexity of a story. It is typically based on the Fibonacci series (1, 2, 3, 5), where:
  + **1** = Very Easy Task
  + **2** = Normal Task
  + **3** = Moderate Task
  + **5** = Difficult Task

**Example Sprint Planning for DocSpot**

**Sprint 1 – User Onboarding & Authentication**

**Epic 1: Registration & Login**

* USN-1 – Gathering User Credentials → **2 SP**
* USN-2 – Sending Confirmation Email → **1 SP**
* USN-4 – Gmail Registration → **2 SP**
* USN-5 – User Login Feature → **1 SP**

**Epic 2: Basic Setup**

* USN-6 – Role-Based Dashboard View → **2 SP**
* USN-7 – Doctor Verification by Admin → **3 SP**

**Total Story Points in Sprint 1 = 2 + 1 + 2 + 1 + 2 + 3 = 11 SP**

**Sprint 2 – Booking & Appointment Logic**

**Epic 3: Appointment Booking**

* USN-8 – Patient Booking Flow → **5 SP**
* USN-9 – Doctor Managing Appointments → **3 SP**

**Epic 4: Notifications**

* USN-10 – Appointment Alerts → **2 SP**

**Total Story Points in Sprint 2 = 5 + 3 + 2 = 10 SP**

**Sprint 3 – Medical Records & Follow-Up**

**Epic 5: Document Management**

* USN-11 – Patient Upload Medical Files → **2 SP**
* USN-12 – Doctor Upload Visit Summary → **3 SP**

**Total Story Points in Sprint 3 = 2 + 3 = 5 SP**

**Final Calculation**

**Total Story Points Across 3 Sprints = 11 + 10 + 5 = 26 SP**  
**Number of Sprints = 3**  
**Velocity = Total Story Points / No. of Sprints = 26 / 3 ≈ 8.67 SP per Sprint**

This velocity can now be used to forecast future timelines and workload capacity.