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. Normal task
3. Moderate task
5. Difficult task

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

Sprint 1

Data Collection (Epic 1)

      Gathering Data (USN1) 2

      Loading Data(USN2) 1

Data Preparation (Epic 2)

      Handling Missing Values(USN3) 3

      Creating Fields(USN4)3

      Handling Inconsistency in Data(USN5)3

Total Story Point in Sprint 1= 2+1+3+3+3=12

Sprint 2

Data Visualization (Epic 3)

      Bar Chart(USN6) 2

      Pie Chart(USN7) 2

      Line Chart(USN8) 2

      Map(USN9) 4

Dashboard (Epic 4)

      Developing Dashboard(USN10) 5

Story (Epic 5)

Developing Story(USN11) 5

Total story Point in Sprint 2= 2+2+2+4+5+5=20

Total Story Points

Sprint 1 = 12

Sprint 2 = 20

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= 12+20=32

No of Sprints= 2

Velocity =32/2

16(Story Points per Sprint)

Your team's velocity is 16 Story Points per Sprint.

✅ Agile Sprint Planning — Educational Organization System

Story Point Scale

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

✅ Sprint 1 — Core User Management

User Management (Epic 1)

- Student Registration (USN1) → **2**
- Email Confirmation (USN2) → **1**
- User Login (USN3) → **3**

Student Management (Epic 2)

- View Student Profile (USN4) → **3**
- Update Student Details (USN5) → **3**

Course Management (Epic 3)

- View Course Details (USN6) → **2**

✅ **Total Story Points in Sprint 1 =**
2 + 1 + 3 + 3 + 3 + 2 = **14**

✅ Sprint 2 — Service & Administration Features

Service Request Management (Epic 4)

- Submit Service Request (USN7) → **3**
- Track Request Status (USN8) → **3**
- Request Approval Workflow (USN9) → **5**

Result Management (Epic 5)

- Upload Marks (USN10) → **3**
- View Results (USN11) → **2**

Admin Management (Epic 6)

- User Management by Admin (USN12) → **5**

✅ **Total Story Points in Sprint 2 =**
3 + 3 + 5 + 3 + 2 + 5 = **21**

✅ Total Story Points Calculation

- **Sprint 1 = 14**
- **Sprint 2 = 21**

Total Story Points = 14 + 21 = 35

✅ Velocity Calculation

Velocity=Total Story PointsNumber of SprintsVelocity = \frac{Total\ Story\ Points}{Number\ of\ Sprints}Velocity=Number of SprintsTotal Story Points Velocity=35/2=17.5≈18Velocity = 35 / 2 = 17.5 \approx 18Velocity=35/2=17.5≈18

✅ **Team Velocity = 18 Story Points per Sprint**