**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** | **Epic** | **Story** | **Story Points** |
| **Sprint 1 (5 Days)** | **Firebase Authentication** | **Set up Firebase project and roles (admin, buyer, seller)** | **2** |
|  |  | **Integrate Firebase Auth in React frontend** | **3** |
|  | **MongoDB Atlas Setup** | **Set up MongoDB Atlas cluster and collections** | **2** |
|  |  | **Connect backend to MongoDB Atlas** | **2** |
|  | **UI & Routing Setup** | **Create base React components and routing structure** | **3** |

Total Story Points (Sprint 1): 12

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint** | **Epic** | **Story** | **Story Points** |
| **Sprint 2 (5 Days)** | **Bookstore Core Features** | **Create Top Seller Section** | **2** |
|  |  | **Implement "Choose My Genre" filter** | **3** |
|  |  | **Build Recommended Books section (static/rule-based)** | **3** |
|  |  | **Integrate News API and design News section** | **3** |
|  |  | **Wishlist functionality (CRUD)** | **3** |
|  |  | **Add to Cart functionality (CRUD)** | **3** |

Total Story Points (Sprint 2): 17

|  |  |
| --- | --- |
| **Metric** | **Value** |
| **Sprint 1 Points** | 12 |
| **Sprint 2 Points** | 17 |
| **Total Story Points** | 29 |
| **Number of Sprints** | 2 |
| **Velocity** | 29 / 2 = **14.5** Story Points/Sprint |