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: Project Setup & Core Backend (5 Days)

Goal: Establish foundational backend and user flows

Task	Story Points
Initialize Project Structure (Frontend & Backend)	3
Set up MongoDB and Mongoose Schemas	2
User Registration/Login (Customer, Restaurant, Admin)	1
Role-based Authentication with JWT	3
Test APIs with Postman	3

Sprint 1 Total: 12 Story Points

Sprint 2: Customer Experience & Ordering (5 Days)

Goal: Build customer-facing features and cart system

Task	Story Points
Browse Restaurants by Category	3
View Food Items with Discounts & Ratings	1
Add to Cart / Remove from Cart	1
Place Order	2
Generate & Download Invoice (PDF)	3

Sprint 2 Total: 10 Story Points

Sprint 3: Restaurant & Admin Dashboards (5 Days)

Goal: Empower restaurants and admin with management tools

Task	Story Points
Restaurant Dashboard – Add/Edit/Delete Food Items	3
View Orders by Restaurant	3
Admin Dashboard – Monitor Users & Orders	2
Admin: Add/Remove Restaurants or Users	2
Secure Routes + Role Middleware	2

Sprint 3 Total: 12 Story Points

Sprint 4: UI Polish, Animations & Testing (5 Days)

Goal: Finalize UI/UX, improve usability, test system

Task	Story Points
Apply Light Theme, Animations & CSS Transitions	2
Responsive Design for All Pages	2
End-to-End Testing (All Roles)	3
Bug Fixes from UAT	2
Deployment on Vercel/Render + MongoDB Atlas	3

Sprint 4 Total: 12 Story Points

Metric	Value
Total Story Points	46
Total Sprints	4
Velocity	11.5 Story Points/Sprint (approx)