

Basic Agile Terminologies

✓ Sprint

A Sprint is a fixed time duration (1–2 weeks) in which the team completes a set of planned tasks.

✓ Epic

An Epic is a large feature or functionality that cannot be completed in a single sprint. It is divided into smaller user stories.

✓ Story

A Story is a small task derived from an Epic. It represents a specific functionality.

✓ Story Point

A Story Point represents the effort required to complete a story.

We use Fibonacci series for estimation: **1, 2, 3, 5**

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

◆ Sprint Planning for ShopSmart

☛ Sprint 1 (Core User Features)

Epic 1: User Authentication

| Story | Task | Story Points |
|-------------------------|------|--------------|
| USN-1 User Registration | | 3 |
| USN-2 User Login | | 2 |

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

USN-3 JWT Authentication Setup 3

Epic 2: Product Browsing

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

USN-4 View Products 3

USN-5 Category Filter 2

USN-6 Search Products 2

✓ Total Story Points in Sprint 1

$3 + 2 + 3 + 3 + 2 + 2 = \textbf{15 Story Points}$

⌚ Sprint 2 (Shopping & Order Management)

Epic 3: Shopping Cart

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

USN-7 Add to Cart 3

USN-8 Update/Remove Cart Items 3

Epic 4: Order Processing

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

USN-9 Checkout & Place Order 5

USN-10 Order History 2

Epic 5: Feedback System

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

| | |
|------------------------|---|
| USN-11 Submit Feedback | 2 |
|------------------------|---|

✓ Total Story Points in Sprint 2

$3 + 3 + 5 + 2 + 2 = \mathbf{15 \text{ Story Points}}$

🚀 Sprint 3 (Admin Module)

Epic 6: Admin Management

| Story | Task | Story Points |
|-------|------|--------------|
|-------|------|--------------|

| | |
|--------------------|---|
| USN-12 Admin Login | 2 |
|--------------------|---|

| | |
|--------------------------------|---|
| USN-13 Product CRUD Operations | 5 |
|--------------------------------|---|

| | |
|----------------------------|---|
| USN-14 Category Management | 3 |
|----------------------------|---|

| | |
|----------------------------|---|
| USN-15 Order Status Update | 3 |
|----------------------------|---|

| | |
|-----------------------------|---|
| USN-16 Dashboard Statistics | 2 |
|-----------------------------|---|

✓ Total Story Points in Sprint 3

$2 + 5 + 3 + 3 + 2 = \mathbf{15 \text{ Story Points}}$

◆ Total Story Points Calculation

Sprint 1 = 15

Sprint 2 = 15

Sprint 3 = 15

Total Story Points = 15 + 15 + 15 = 45