# Planning Logic – Airlines Management System using Salesforce

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| Date | 10 June 2025 |
| Team ID | LTVIP2025TMID30989 |
| Project Name | Airlines Management System |
| Maximum Marks | 5 Marks |

## Key Terms

• Sprint: A fixed time period (in this case, 4 sprints from 11 June to 25 June 2025) during which the team completes selected tasks from the product backlog.  
• Epic: A large functional requirement such as Booking, Flight Management, or Reports. Epics are broken into smaller stories.  
• Story: A specific task that contributes to completing an Epic (e.g., Passenger Check-in).  
• Story Point: A unit that estimates the complexity/effort required for a story. We use Fibonacci values (1, 2, 3, 5, 8, etc.).

### Effort Classification:

• Very Easy → 1 point  
• Easy → 2 points  
• Moderate → 3–5 points  
• Difficult → 8+ points

## Sprint Planning

### Sprint 1: 11 June – 15 June (5 Days)

Epics Covered: Booking, Check-in

• USN-1: Flight Booking – 3 Points  
• USN-2: Passenger Check-in – 2 Points

Total Story Points: 5

### Sprint 2: 16 June – 20 June (5 Days)

Epics Covered: Notifications, Flight Management

• USN-3: Email/SMS Notifications – 2 Points  
• USN-4: Admin Flight Management – 3 Points

Total Story Points: 5

### Sprint 3: 21 June – 23 June (3 Days)

Epics Covered: Reports & Dashboards, Role Management

• USN-5: Generate Reports – 3 Points  
• USN-6: Assign Profiles and Roles – 2 Points

Total Story Points: 5

### Sprint 4: 24 June – 25 June (2 Days)

Epics Covered: Booking Assistance

• USN-7: Support Staff View and Modify Bookings – 2 Points

Total Story Points: 2

## Team Velocity Calculation

Total Story Points = 5 + 5 + 5 + 2 = 17  
Total Sprints = 4  
Velocity = 17 ÷ 4 = 4.25 Story Points per Sprint (on average)