Planning Logic – Airlines Management System using Salesforce

Date: 25 June 2025

Team ID: LTVIP2025TMID30597

Project Name: Airline Management System

Maximum Marks: 4 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)