

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	22 JUNE 2025
Team ID	LTVIP2025TMID31510
Project Name	Airlines Management System
Maximum Marks	5 Marks

### Agile Planning for Salesforce Airlines Management System Project:

#### Agile Concepts Recap:

- **Sprint:** A fixed development cycle (e.g., 5 working days) to complete a defined set of tasks.
- **Epic:** A large functional module (e.g., “Flight Management”) that is broken down into smaller tasks.
- **User Story (Story):** A specific, manageable functionality or task that delivers a feature.
- **Story Point Scale (Fibonacci Series):**
  - **1** = Very Easy
  - **2** = Easy
  - **3** = Moderate
  - **5** = Difficult

#### Sprint 1: Setup and Core Flight Module (5 Days):

User Story	Story Points
Set up Salesforce Org & Environment	1
Create Custom Objects: Flight, Passenger, Crew	3
Design Page Layouts & Record Types	2
Set Validation Rules (e.g., departure date)	2
Create Profiles and Permission Sets	2
<b>Total:</b>	<b>10 SP</b>

**Sprint 2: Booking & Crew Assignment Automation (5 Days):**

User Story	Story Points
Create Flow for Booking Confirmation Emails	3
Build Scheduled Flow for Crew Assignment Alerts	3
Create Process Builder for Flight Delay Notification	2
Add Dashboards for Booking & Crew Overview	3
Enable Field History Tracking	2
<b>Total:</b>	<b>13 SP</b>

**Velocity Calculation:**

**Velocity = Total Story Points Completed / Number of Sprints**

- **Total Story Points:** 10 (Sprint 1) + 13 (Sprint 2) = **23**
- **Number of Sprints:** 2

**Team Velocity = 23 / 2 = 11.5 ≈ 12 Story Points per Sprint**

**Current Team Velocity:** ~12 SP/Sprint