

## Project Planning Phase

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

**Date:** 25 June 2025

**Team ID:** LTVIP2025TMID30597

**Project Name:** Airline Management System

**Maximum Marks:** 4 Marks

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Booking	USN-1	As a passenger, I can search and book available flights	3	High	Team Member A
Sprint-1	Check-in	USN-2	As a passenger, I can check in for my booked flight	2	High	Team Member B
Sprint-2	Notifications	USN-3	As a passenger, I can receive flight notifications via email	2	Medium	Team Member A
Sprint-2	Flight Management	USN-4	As an admin, I can add, edit, or delete flights	3	High	Team Member C
Sprint-3	Reports and Dashboards	USN-5	As an admin, I can generate reports on bookings and	3	Medium	Team Member D

			passenger flow			
Sprint-3	Role Management	USN-6	As an admin, I can define user roles and assign profiles	2	Medium	Team Member C
Sprint-4	Booking Assistance	USN-7	As support staff, I can view and modify passenger bookings	2	Medium	Team Member B

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	5	5 Days	11 June 2025	15 June 2025	5
Sprint-2	5	5 Days	16 June 2025	20 June 2025	5
Sprint-3	5	3 Days	21 June 2025	23 June 2025	5
Sprint-4	2	2 Days	24 June 2025	25 June 2025	2

#### Velocity:

Total story points completed in Sprint-1: 5

Sprint duration: 5 days

Team's average velocity: 1 story point per day

#### Burndown Chart:

A burndown chart displays the remaining work (story points) against time. Track daily progress to ensure all tasks are completed by 25 June 2025.