**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 |
| **Total:** | **10 SP** |

**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 |
| **Total:** | **13 SP** |

**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