**Project Planning Phase**

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

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| --- | --- |
| Date | 10 June 2025 |
| Team ID | LTVIP2025TMID30989 |
| Project Name | Airlines Management System |
| Maximum Marks | 5 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 passenger flow | 3 | Medium | Team Member D |
| 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.