

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

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|---------------|-----------------------|
| Date | 29-11-2025 |
| name | m.sriram |
| Project Name | Flight Booking System |
| Maximum Marks | 5 Marks |

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

Product Backlog & Sprint Schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority |
|----------|------------------------------------|-------------------|---|--------------|----------|
| Sprint-1 | Flight Search | USN-1 | As a passenger, I can search flights by date, origin, and destination. | 3 | High |
| Sprint-1 | Flight Selection | USN-2 | As a passenger, I can view full flight details and select a preferred flight. | 2 | High |
| Sprint-2 | Passenger Details & Seat Selection | USN-3 | As a passenger, I can enter traveler details and choose seats. | 3 | Medium |
| Sprint-2 | Booking Review | USN-4 | As a passenger, I can review booking details before payment. | 1 | Medium |
| Sprint-3 | Payment Processing | USN-5 | As a passenger, I can make secure online payments for my booking. | 3 | High |
| Sprint-3 | Ticket Generation | USN-6 | As a passenger, I can view and download my ticket (PNR). | 2 | High |
| Sprint-3 | Booking History | USN-7 | As a passenger, I can view my previous bookings. | 2 | Medium |
| Sprint-4 | Admin – Flight Management | USN-8 | As an admin, I can add/update flight schedules and pricing. | 3 | High |
| Sprint-4 | Admin – User Management | USN-9 | As an admin, I can manage passenger accounts and issues. | 2 | Medium |

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|----------|----------------------------|--------|---|---|------|
| Sprint-4 | Airline System Integration | USN-10 | As an airline system, I provide real-time availability and fare data. | 3 | High |
|----------|----------------------------|--------|---|---|------|

Project Tracker, Velocity & Burndown Chart

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 20 | 6 Days | 26 November 2025 | 2 December 2025 | 20 | 2 December 2025 |
| Sprint-2 | 20 | 6 Days | 27 November 2025 | 4 December 2025 | 20 | 4 December 2025 |
| Sprint-3 | 20 | 6 Days | 28 November 2025 | 6 December 2025 | 20 | 6 December 2025 |
| Sprint-4 | 20 | 6 Days | 29 November 2025 | 8 December 2025 | 20 | 8 December 2025 |