

Project Planning Phase Project

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

| | |
|---------------|---|
| Team ID | LTVIP2025TMID58532 |
| Project Title | Flight finder: navigating your air travel options |

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 | Registration | USN-1 | As a user, I can register via email and password | 2 | High | |
| Sprint-1 | Registration | USN-2 | As a user, I will receive a confirmation email | 1 | High | |
| Sprint-1 | Registration | USN-3 | As a user, I can register via Facebook | 2 | Low | |
| Sprint-1 | Registration | USN-4 | As a user, I can register via Gmail | 2 | Medium | |
| Sprint-1 | Login | USN-5 | As a user, I can log in using email & password | 1 | High | |
| Sprint-2 | Flight Search | USN-6 | As a user, I can search flights by destination, date, and passengers | 3 | High | |
| Sprint-2 | Flight Search | USN-7 | As a user, I can filter search results by airline, price, and timing | 2 | Medium | |
| Sprint-2 | Booking | USN-8 | As a user, I can | 5 | High | |

| | | | | | | |
|----------|-----------------|--------|---|---|--------|--|
| | | | select flights and confirm booking | | | |
| Sprint-2 | Booking | USN-9 | As a user, I can view my booking summary and ticket | 2 | High | |
| Sprint-3 | Payment | USN-10 | As a user, I can make payments via UPI/Credit Card | 5 | High | |
| Sprint-3 | Payment | USN-11 | As a user, I receive confirmation via SMS/Email | 2 | High | |
| Sprint-4 | Admin Dashboard | USN-12 | As an admin, I can manage flights and schedules | 5 | High | |
| Sprint-4 | Admin Dashboard | USN-13 | As an admin, I can generate booking/revenue reports | 3 | Medium | |

Project Tracker, Velocity & Burndown Chart (4 Marks)

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed |
|----------|--------------------|----------|-------------------|---------------------------|------------------------|
| Sprint-1 | 8 | 5 Days | 01 Mar 2025 | 05 Mar 2025 | 8 |
| Sprint-2 | 12 | 5 Days | 06 Mar 2025 | 10 Mar 2025 | 12 |
| Sprint-3 | 7 | 5 Days | 11 Mar 2025 | 15 Mar 2025 | 7 |
| Sprint-4 | 8 | 5 Days | 16 Mar 2025 | 20 Mar 2025 | 8 |

Total Story Points = $8 + 12 + 7 + 8 = 35$

Number of Sprints = 4

Velocity = $35 / 4 = 8.75$ Story Points per Sprint

Burndown Chart

The burndown chart shows ideal vs actual progress across 20 project days.

Burndown Chart - Flight Ticket Booking Website

