

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

Date	27 june 2025
Team ID	LTVIP2025TMID58003
Project Name	FlightFinder:Navigating your Air Travel Options
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

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 by entering email, password, and confirmation.	2	High	
Sprint-1	Registration	USN-2	As a user, I receive a confirmation email after registration.	1	High	
Sprint-2	Registration	USN-3	As a user, I can register through Facebook.	2	Low	
Sprint-1	Registration	USN-4	As a user, I can register through Gmail.	2	Medium	
Sprint-1	Login	USN-5	As a user, I can log in using email and password.	1	High	
Sprint-2	Flight Search	USN-6	As a user, I can search flights by source, destination, and date.	3	High	

Sprint-2	Booking	USN-7	As a user, I can book a flight, choose a seat, and make payment.	5	High	
Sprint-3	Booking Management	USN-8	As a user, I can view and cancel bookings.	3	Medium	
Sprint-3	Admin Dashboard	USN-9	As an admin, I can manage flight listings.	5	High	
Sprint-3	Admin Management	USN-10	As an admin, I can view all users and their bookings.	4	Medium	

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

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	8	6 Days	14 june 2025	17 June 2025	8	17 June 2025
Sprint-2	10	6 Days	18 June 2025	21 June 2025	10	21 June 2025
Sprint-3	12	6 Days	22 June 2025	12 Nov 2022	12	26 June 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Total Story Points = 30

Total Duration = 13 days

Average Velocity = $30 / 13 \approx 2.31$ story points/day

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

Burndown Chart – FlightFinder Project

