

Project Planning Phase

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

Date	15 June 2025
Team ID	LTVIP2025TMID60279
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 for the application by entering my email, password, and confirming my password.	2	High	Ashik
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ashik
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Naveena
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Vishnu
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Vishnu
	Dashboard					

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	20	6 Days	1 jun 2025	6 jun 2025	20	29 june 2022
Sprint-2	20	6 Days	7 jun 2025	12 jun 2025		
Sprint-3	20	6 Days	13 jun 2025	19 jun 2025		
Sprint-4	20	6 Days	20 jun 2025	29 jun 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Search Flights	USN-1	As a user, I want to search for flights by entering departure, destination, and travel dates.	3	High	Ashik
Sprint-1	Search Filters	USN-2	As a user, I want to filter flights by price, airline, stops, and timings to narrow my choices.	2	High	Ashik
Sprint-2	Flight Details Display	USN-3	As a user, I want to view detailed flight information including duration, price, and layovers.	2	High	Naveena
Sprint-2	Flight Selection	USN-4	As a user, I want to select a flight and proceed with booking.	1	High	Naveena
Sprint-3	Seat Selection	USN-5	As a user, I want to select my seat from an interactive seat map.	2	Medium	Vishnu
Sprint-3	Payment Gateway	USN-6	As a user, I want to securely pay using credit/debit cards or UPI.	3	High	Vishnu
Sprint-4	Booking Confirmation	USN-7	As a user, I want to receive an e-ticket and booking confirmation instantly.	2	Medium	Ashik
Sprint-4	User Profile & History	USN-8	As a user, I want to view my previous bookings and personal details.	2	Medium	Hemanthi
Sprint-4	Real-Time Updates (optional)	USN-9	As a user, I want to get real-time updates if flight details change.	2	Low	Hemanthi

Project Tracker, Velocity & Burndown Chart :

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint-1	6	6 Days	1 jun 2025	6 jun 2025	6	25 june 2025
Sprint-2	7	6 Days	7 jun 2025	12 jun 2025		
Sprint-3	5	6 Days	13 jun 2025	19 jun 2025		
Sprint-4	4	6 Days	20 jun 2025	29 jun 2025		