

Project Planning Phase

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

Date	10 February 2026
Team ID	LTVIP2026TMIDS65776
Project Name	Flight Finder
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	Search Flights	USN-1	As a user, I can search for flights by entering source, destination, and dates.	3	High	
Sprint-1	View Flight Details	USN-3	As a user, I can view full flight details before booking.	2	High	
Sprint-1	Book Flight	USN-4	As a user, I can book a flight by entering details and paying online.	5	High	
Sprint-2	Filter & Sort Flights	USN-5	As a user, I can filter or sort flights by price, duration, or airline.	3	Medium	
Sprint-2	Manage Booking	USN-2	As a user, I can view or cancel my existing bookings.	3	High	
Sprint-3	Manage Flights (Admin)	USN-6	As an admin, I can add, update, or remove flight schedules.	4	High	

Sprint-4	View Reports (Admin)	USN-7	As an admin, I can view booking and revenue reports.	4	Low	
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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	10	4 Days	09 February 2026	12 February 2026	10	17 February 2026
Sprint-2	6	4 Days	13 February 2026	16 February 2026		
Sprint-3	4	1 Days	17 February 2026	18 February 2026		
Sprint-4	4	1 Days	19 February 2026	20 February 2026		

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)

Average Velocity	6
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