Project Planning Phase

Flight Booking

Date	15 February 2025
Team ID	LTVIP2025TMID52738
Project Name	Flight Booking
Maximum Marks	5 Marks

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 using email, password, and confirmation password	2	High	Srikala
Sprint-1		USN-2	As a user, I will receive a confirmation email after registration	1	High	Srikala
Sprint-2		USN-3	As a user, I can register using Facebook	2	Low	Srikala
Sprint-1		USN-4	As a user, I can register using Gmail	2	Medium	Lalitha
Sprint-1	Login	USN-5	As a user, I can log into the application	1	High	Lalitha

			using email & password			
Sprint-2	Search Flights	USN-6	As a user, I can search for available flights by date, source, and destination	3	High	Mabunni
Sprint-2		USN-7	As a user, I can view filtered flight results with price and time details	2	Medium	Mabunni
Sprint-3	Booking	USN-8	As a user, I can select and book a flight	3	High	Mounika
Sprint-3		USN-9	As a user, I can make payment through online methods	4	High	Mounika
Sprint-4	Booking History	USN-10	As a user, I can view my previous flight bookings	3	Medium	Sandya
Sprint-4	Dashboard	USN-11	As a user, I can see upcoming flights and recent activity on	3	Medium	Sandya

the
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	6	6 Days	10 Jun 2025	15 Jun 2025	6	15 Jun 2025
Sprint-2	7	6 Days	17 Jun 2025	22 Jun 2025	7	22 Jun 2025
Sprint-3	7	6 Days	24 Jun 2025	29 Jun 2025	7	29 Jun 2025
Sprint-4	6	6 Days	01 Jul 2025	06 Jul 2025	6	06 Jul 2025

Velocity Calculation

Velocity = Total Story Points Completed / Sprint Duration
Sprint Duration = 6 Days
Story Points per Sprint = 6–7

Sprint-1 Velocity: 6 ÷ 6 = 1 SP/day
Sprint-2 Velocity: 7 ÷ 6 ≈ 1.17 SP/day
Sprint-3 Velocity: 7 ÷ 6 ≈ 1.17 SP/day
Sprint-4 Velocity: 6 ÷ 6 = 1 SP/day

Average Velocity (AV): (6 + 7 + 7 + 6) ÷ (4 sprints × 6 days) = 26 ÷ 24 ≈ 1.08 SP/day

Burndown Chart (Simple Format)

Day	Planned Points Remaining	Actual Points Remaining
0	26	26
2	20	22
4	14	16
6	8	10
8	4	6
10	0	0