

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

Date	13 / 04 / 2025
Team ID	145269
Project Name	Flight Finder
Maximum Marks	5 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 for the platform using email and password.	2	High	Team Member 1
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email upon successful registration.	1	High	Team Member 2
Sprint-1	Login	USN-3	As a user, I can log in using email and password.	1	High	Team Member 1
Sprint-1	Flight Search	USN-4	As a user, I can search flights using criteria like date, destination, and passengers.	3	High	Team Member 3
Sprint-1	Flight Booking UI	USN-5	As a user, I can view and select flights based on search filters.	2	Medium	Team Member 3

Sprint-1	Design	USN-6	Design UI for search and booking pages.	3	Medium	Team Member 4
Sprint-1	Authentication	USN-7	Implement JWT-based authentication for users.	2	High	Team Member 1
Sprint-1	Admin Login	USN-8	As an admin, I can log in with special credentials to manage system operations.	2	Medium	Team Member 2
Sprint-1	Dashboard	USN-9	As a user, I can view a dashboard summarizing my bookings and notifications.	3	Medium	Team Member 4
			Total Story Points: 19			

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	19	14 Days	18 Feb 2025	03 Mar 2025	18	03 Mar 2025
Sprint-2	22	14 Days	04 Mar 2025	17 Mar 2025	20	17 Mar 2025

Sprint-3	22	14 Days	18 Mar 2025	31 Mar 2025	21	31 Mar 2025
Sprint-4	22	14 Days	01 Apr 2025	13 Apr 2025	22	13 Apr 2025

Velocity Calculation:

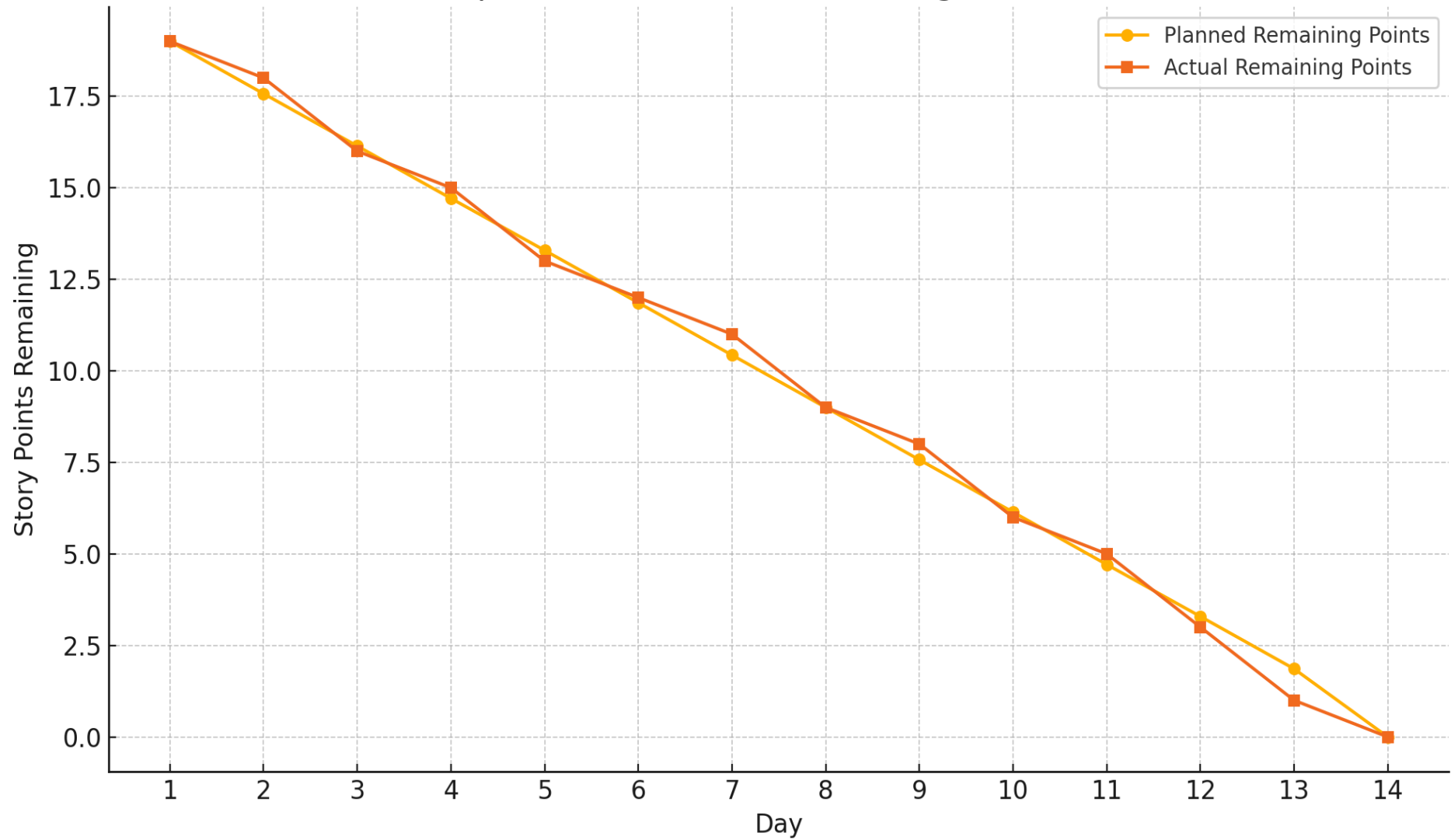
Average Velocity = $(18 + 20 + 21 + 22) / 4 = 20.25$ Story Points per Sprint

Sprint-1 Burndown Chart Data:

Day	Planned Remaining Points	Actual Remaining Points
Day 1	19	19
Day 2	17.57	18
Day 3	16.14	16
Day 4	14.71	15
Day 5	13.29	13
Day 6	11.86	12

Day 7	10.43	11
Day 8	9.00	9
Day 9	7.57	8
Day 10	6.14	6
Day 11	4.71	5
Day 12	3.29	3
Day 13	1.86	1
Day 14	0	0

Sprint-1 Burndown Chart - Flight Finder



Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>