Project Planning Phase

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

Date	15 April 2025
Team ID	SWTID1743870329
Project Name	Personal Expense Tracker
Maximum Marks	2 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Point	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	A
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application.	1	High	A
Sprint-2	Registration	USN-3	As a user, I can register for the application through	2	Low	B

			Facebook.			
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail.	2	Medium	A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	A
Sprint-2	Dashboard	USN-6	As a user, I can view an overview of my current month's income, expenses, and budget tracking.	3	High	B
Sprint-2	Expense Management	USN-7	As a user, I can add a new expense with details like category, date, amount, and notes.	3	High	B
Sprint-3	Expense Management	USN-8	As a user, I can edit or delete an existing expense entry.	2	High	C
Sprint-3	Reports	USN-9	As a user, I can generate monthly reports and visualize data using graphs.	3	Medium	D
Sprint-4	Budget	USN-10	As a user, I	4	High	D

	Managem ent		can set a budget for categories and get notified when approaching limits.			

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Complete d (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 days	17 March 2025	22 March 2025	6	22 March 2025
Sprint-2	6	6 days	24 March 2025	29 March 2025	6	29 March 2025
Sprint-3	6	6 days	3 April 2025	8 April 2025	6	8 April 2025
Sprint-4	6	6 days	9 April 2025	14 April 2025	6	14 April 2025

Velocity:

Sprint Duration: 6 Days

Average Velocity (AV) = Total Story Points / Sprint Duration

Example (Sprint-1):
 AV = 6 / 6 = 1 story point per day

Overall average velocity can be calculated from completed sprints: Total Story Points (completed): 6 + 6 + 5 = 17

Total Days: 6 * 3 = 18

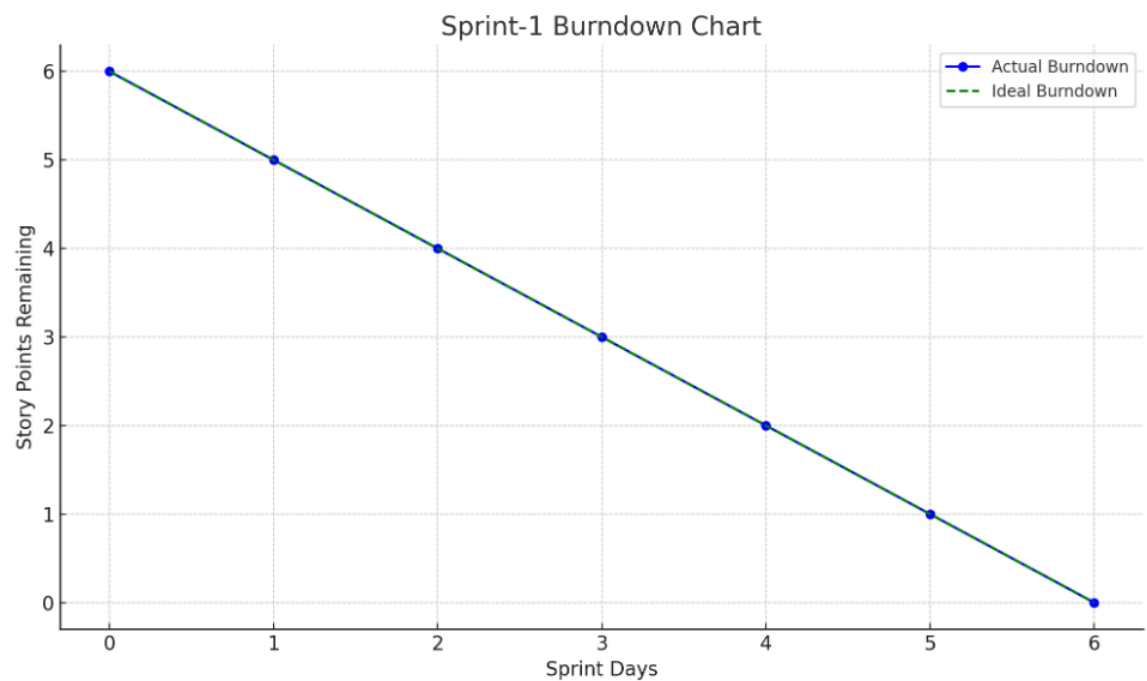**Overall AV = 17 / 18 ≈ 0.94 story points/day**

Burndown Chart Overview :

The Burndown Chart plots:

- X-Axis: Sprint Days (Day 1 to Day 6)

- Y-Axis: Story Points Remaining

For each sprint:

- Day 0: Full Story Points

- Each day reduces based on tasks completed

Sprint-1 Burndown Chart

Textual representation for Sprint-1:

Day	Story points remaining
Day 0	6
Day 1	5
Day 2	4
Day 3	3
Day 4	2
Day 5	1
Day 6	0