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

Date	1 April 2025
Team ID	SWTID1742834197
Project Name	Personal Expense Tracker App
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a 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 name, email, and password.	2	High	Jai
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email after successful registration.	1	High	Abhay
Sprint-1	Login	USN-3	As a user, I can log into the application using my registered email and password.	2	High	Devansh
Sprint-2	Expense Input	USN-4	As a user, I can add a new expense by entering the category, amount, and date.	2	High	Jai
Sprint-2	Expense Input	USN-5	As a user, I can categorize my expenses (e.g., food, travel, utilities, etc.).	2	Medium	Abhay
Sprint-2	Dashboard	USN-6	As a user, I can view a dashboard showing my total expenses and a pie chart of categories.	2	High	Devansh
Sprint-3	Budget Setting	USN-7	As a user, I can set a monthly budget and get alerts when I'm about to exceed it.	2	Medium	Jai
Sprint-3	Report Generation	USN-8	As a user, I can generate monthly reports of my expenses in PDF format.	2	Medium	Abhay

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	3 Days	25 Mar 2025	27 Mar 2025	20	27 Mar 2025
Sprint-2	20	3 Days	28 Mar 2025	30 Mar 2025	20	30 Mar 2025
Sprint-3	20	3 Days	01 Apr 2025	03 Apr 2025	20	03 Apr 2025
Sprint-4	20	3 Days	4 Apr 2025	06 Apr 2025	20	06 Apr 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 6.67 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average Velocity (AV) is calculated as:

AV = Total Story Points ÷ Sprint Duration
AV = 20 ÷ 3 ≈ 6.67 story points/day

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

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
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