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

Date	05 November 2022
Team ID	PNT2022TMID25814
Project Name	Project – Personal Expense Tracker Application
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team members
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	8	High	Team Lead
		USN-2	As a user, I will receive confirmation email once I have registered for the application	6	High	Team Member-1
		USN-3	As a user, I can register for the application through Facebook	7	Low	Team Member-2
		USN-4	As a user, I can register for the application through Gmail	8	Medium	Team Member-3
	Login	USN-5	As a user, I can log into the application by entering email & password	9	High	Team Lead

	Dashboard	USN-6	As a user, I can add my day-today expenses regularly.	8	High	Team Member-1
Customer (Web user)	Dashboard	USN-7	As a user, I can see login page and registration page for which the user logins and input expenses.	7	Medium	Team Member-3
Customer Care Executive	Dashboard	USN-8	As a customer care executive, I can solve the queries of users.	8	High	Team Member-2
Administrator	Registration	USN-9	As an Administrator, I can view the basic details of user.	7	Medium	Team Lead
	Dashboard	USN-10	As an administrator, I can able to view the overall progress of a user.	6	Low	Team Member-3

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

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)

$$AV = \frac{sprint\ duration}{velocity}$$

Sprint	Average Velocity
Sprint-1	6.5
Sprint-2	8
Sprint-3	8.2
Sprint-4	8

Total Average Velocity=7.5

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.

Burndown Chart