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

Team ID	PNT2022TMID21602
Project Name	Project – Personal Expense Tracker

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 for the application by entering my email, password, and confirming my password.	2	High	Ajith
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Charan Kumar
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	Gokul
Sprint-1		USN-4	As a user, I can register for the application through Gmail	1	Medium	Konduru Gajendra Raju
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Gokul
Sprint-2	Dashboard	USN-6	As a user, I can create my user profile	1	High	Ajith
Sprint-2		USN-7	As a user, I can add total income and total expenses	2	High	Konduru Gajendra Raju
Sprint-2		USN-8	As a user, I can visualize the expenses	1	Medium	Charan Kumar
Sprint-3		USN-9	As a user, I will upload my monthly income in the application	2	High	Ajith
Sprint-3	Account Sync	USN-10	As a user, I can sync my accounts and wallets	2	High	Gokul
Sprint-3		USN-11	As a user, I can edit income and expenses	1	Low	Konduru Gajendra Raju

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-12	As a user, I can set the targeted budget	1	High	Charan Kumar
Sprint-4		USN-13	As a user, I can add reminder and get notified	1	Low	Ajith
Sprint-4		USN-14	As a user, I can filter the expenses by graphs and periods	1	Medium	Charan Kumar
Sprint-4	Service Support	USN-15	As a user, I can chat with the inbuilt customer care chat bot	1	High	Gokul
Sprint-4		USN-16	As a user, I can export the raw data from the app	1	Medium	Konduru Gajendra Raju

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)

$$AV = \text{sprint duration}/\text{velocity} = 20/6 = 3.33$$

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