

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID40245
Project Name	Project – Personal Expense Tracker
Maximum Marks	8 Marks

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

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	Magesh Ram
Sprint-4		USN-13	As a user, I can add reminder and get notified	1	Low	Naveen
Sprint-4		USN-14	As a user, I can filter the expenses by graphs and periods	1	Medium	Thanigaivel
Sprint-4	Service Support	USN-15	As a user, I can chat with the inbuilt customer care chat bot	1	High	Magesh Ram
Sprint-4		USN-16	As a user, I can export the raw data from the app	1	Medium	Abinesh kumar

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

