

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID27307
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

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	Swetha V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sanjay Aravindh M
Sprint-1		USN-3	As a user ,I can register for the application through gmail	2	High	Subash G
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Sakthi sri P
Sprint-2	Dashboard	USN-5	As a user I can link the bank account to access transaction history	2	High	Subash G
Sprint-2		USN-6	As a user I can access the labels to update for each transaction.	1	High	Swetha V
Sprint-3		USN-7	As a user I can set Budget limit for monthly expenses	2	Medium	Sakthi sri P
Sprint-3		USN-8	As a user I can create separate label and set budget limit for each and every label	2	Medium	Sanjay Aravindh M
Sprint-3		USN-9	As a user I can add expenses manually	2	Low	Subash G
Sprint-4	Alerts	USN-10	As a user I can customize the notification alerts for budget limits.	1	Medium	Swetha V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-11	As a user I can only change the budget limit with a limited time period.	1	Medium	Sakthi sri P
Sprint-4	Graph	USN-12	As a user I can view the Expense-Time graph	3	High	Sanjay Aravindh M

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	10	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	14 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

