

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID32657
Project Name	Project – Personal Expense Tracker
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.	7	High	Rhubika,Nishanthi
Sprint-1	Login	USN-2	As a user, I can login to the application by entering the registered username and password	6	High	Nithin,Nishanthi
Sprint-1	Dashboard	USN-3	As a user, I can use the facilities that are provided.	3	Medium	Rhubika,Rohit
Sprint-1	Add expense	USN-4	As a user, I can add daily expense	4	Medium	Rohit
Sprint-2	Set budget	USN-5	As a user, I can set budgets for monthly expenses	8	High	Nithin,Rhubika
Sprint-2	Alert users on over spending	USN-6	As a user, I get alert users on over spending	4	Medium	Rohit,Nishanthi
Sprint-2	Analysis on expenses	USN-7	As a user, I can analyse the daily,monthly and annual expenses.	8	High	Nithin
Sprint-3	Creating filter based on category	USN-8	As a user, I can see the category-based history of expenses.	6	Medium	Rhubika
Sprint-3	Creating filter based on payment mode	USN-8	As a user, I can see the payment mode-based history of expenses.	6	Medium	Nithin

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Creating filter based on time	USN-8	As a user, I can see the time-based history of expenses.	6	Medium	Rohit
Sprint-3	Generate pdf report on expenses	USN-9	As a user, I can get report of the overall expenses in pdf format.	2	Medium	Nishanthi
Sprint-4	Testing	USN-10	Testing the application with various tools.	10	High	Nishanthi,Rhubika
Sprint-4	Deployment	USN-11	Deployment of the application.	10	High	Rohit,Nithin

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)

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

Average Velocity for Sprint 1=>20/6=3.3

Average Velocity for Sprint 2 => 20/6=3.3

Average Velocity for Sprint 3 => 20/6=3.3

Average Velocity for Sprint 4 => 20/6=3.3

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.

Total Story Points: 80
Project Start Date: 24th October 2022
Project End Date: 19th November 2022



