

Project Planning Phase

Project Milestone and Activity List

Team ID	PNT2022TMID04422
Project Name	Personal Expenses Tracker

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	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	Nishanth S
Sprint - 1		USN - 2	As a user, I will receive confirmation email once I have registered for the application	3	High	Priyadharshini S
Sprint - 1		USN - 3	As a user, I can register for the application through Gmail	3	High	Sanjith M

Sprint - 1	Login	USN - 4	As a user, I can log into the application by entering email & password	2	High	Robin J
Sprint - 1		USN - 5	As a user, I can log into the application by Gmail	5	High	Priyadharshini S
Sprint - 1	Forget password	USN - 6	As a user, I need to change my password if I forget it	5	Medium	Nishanth S
Sprint - 2	Dashboard	USN - 7	As a user, I need to enter my income and expenses	5	High	Priyadharshini S
Sprint - 2		USN - 8	As a user, I need to set a budget alert for a month or a week	5	Medium	Sanjith M
Sprint - 2		USN - 9	As a user, I need to get email notifications about my weekly and monthly spending and earning	10	Medium	Robin J
Sprint - 3		USN-10	As a user, I should be provided with some reward for saving money up to some extent	20	low	Sanjith M
Sprint - 4		USN-11	As an administrator, I can update the features and roll out a new version of application	20	Low	Nishanth S

Project Tracker, Velocity & Burndown Chart:

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	01 Nov 2022	06 Nov 2022		
Sprint 2	20	6 days	07 Nov 2022	12 Nov 2022		
Sprint 3	20	4 days	13 Nov 2022	16 Nov 2022		
Sprint 4	20	3 days	17 Nov 2022	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).

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

Burndown Chart:

A burndown 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.



