Project Planning Phase

Project Milestone and Activity List

Team ID	**PNT2022TMID32962**
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	VIGNESH.T
Sprint - 1		USN - 2	As a user, I will receive confirmation email once I have registered for the application	3	High	SRINIVASH.PR
Sprint - 1		USN - 3	As a user, I can register for the application through Gmail	3	High	VASANTH.R

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

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).

$$AV = sprint\ duration/velocity = 20/10 = 2$$

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.