

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID11609
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.	3	High	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email and password	2	Low	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R
Sprint-2	Wallet page	USN-4	As a user, I can add my monthly income in the wallet section	2	Medium	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R
Sprint-3	Update and graph view	USN-5	As a user, I can spend the money in the wallet and the wallet will be updated periodically and can view expenses as a graph	3	High	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R
Sprint-4	Email alert	USN-6	As a user, if I am exceeding the money in the wallet then I will receive an alert in	4	High	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R

			my mail			
Sprint-4		USN-7	As a user, I can set the limit in the wallet amount for unwanted spendings	3	Medium	Raja Sri.J Shreenidhi.T.A Shnega Sri.T Sowmya.R

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 6-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)

$$\begin{aligned}
 \text{AV} &= \text{SPRINT DURATION} / \text{VELOCITY} \\
 &= 20 / 6 \\
 &= 3.33
 \end{aligned}$$

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.