

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID49592
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.	3	High	Sabana Fathima, Shrimathi
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Sabana Fathima, Shrimathi
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	Low	Sabana Fathima, Shrimathi
Sprint-1	Wallet page	USN-4	As a user, I can add my monthly income in the wallet section	4	High	Sabana Fathima, Shrimathi
Sprint-2	Update and graph view	USN-5	As a user, I spend the money in the wallet and the wallet will be updated periodically and can see the monthly expenses as a graph	4	Low	Narmatha, Gatharine
Sprint-2	Email alert	USN-6	As a user, if i am exceeding the money in the wallet then i will be getting an alert through my email	4	High	Narmatha, Gatharine
Sprint-2		USN-7	As a user, I can set the limit in the wallet amount for unwanted spendings	4	Low	Narmatha, Gatharine

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration(web user)	USN-8	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Sabana Fathima, Shrimathi
Sprint-3		USN-9	As a user, I will receive confirmation email once I have registered for the application	3	High	Sabana Fathima, Shrimathi
Sprint-3	Login(web user)	USN-10	As a user, I can log into the application by entering email & password	2	Low	Sabana Fathima, Shrimathi
Sprint-3	Wallet page(web user)	USN-11	As a user, I can add my monthly income in the wallet section	4	High	Sabana Fathima, Shrimathi
Sprint-4	Update and graph view (web user)	USN-12	As a user, I spend the money in the wallet and the wallet will be updated periodically and can see the monthly expenses as a graph	4	Low	Narmatha, Gatharine
Sprint-4	Email alert(web user)	USN-13	As a user, if i am exceeding the money in the wallet then i will be getting an alert through my email	4	High	Narmatha, Gatharine
Sprint-4		USN-14	As a user, I can set the limit in the wallet amount for unwanted spendings	4	Low	Narmatha, Gatharine

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	12	6 Days	24 Oct 2022	29 Oct 2022	12	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	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)

$$AV = \text{sprint duration} / \text{velocity} = 12 / 6 = 2$$