

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID38279
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	Jagadesh, Ashik, Kamal raj
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Low	Jagadesh, Ashik, Kamal raj
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Jagadesh, Ashik, Ajay
Sprint-1	Wallet page	USN-4	As a user, I can add my monthly income in the wallet section	4	High	Jagadesh, Kamal raj, Ajay
Sprint-2	Adding Expenses	USN-5	As a user, I will track my expenses by collecting expense information	4	High	Ajay, Kamal raj
Sprint-2	Computing Available Balance	USN-6	As a user, The income and expenses get computed and available balance is shown	4	High	Jagadesh, Ashik
Sprint-2	Setting limit balance	USN-7	As a user, I can set the limit of my expenses or balance	4	Low	Kamal raj, Ajay

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Alert Mail	USN-8	As a user, If my balance or expenses goes beyond the set limit a email will be sent to alert the user.	3	High	Jagadesh, Ashik, Kamal raj
Sprint-3	Storing information in cloud database	USN-9	As a user, My data will get stored in cloud database and can be accessed anywhere and anytime	3	High	Jagadesh, Kamal raj, Ajay
Sprint-3		USN-10	As a user, I can give the description of my income and expenses	2	Low	Jagadesh, Ashik
Sprint-3	Retrieving data	USN-11	As a user, I can view my previous transactions in history.	4	High	Jagadesh, Ashik, Ajay
Sprint-4	Update and graph view	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	Kamal raj, Ajay
Sprint-4	Monthly Report	USN-13	As a user, I can get monthly reports.	4	Low	Ajay, Ashik
Sprint-4	Logout or Delete	USN-14	As a user, I can logout or delete my account	4	Low	Jagadesh, Ashik

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)

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