

Project Planning Phase

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

Date	30 October 2022
Team ID	PNT2022TMID07222
Project Name	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 Page	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	8	High	Narayan Kumar, Shai Prashanth
Sprint-1	Login Page	USN-2	As a user, I can log into the application by entering email & password	8	High	Narayan Kumar, Shai Prashanth
Sprint-1	Add Transactions	USN-3	As a user, I can add the day to day expense to the application	8	High	Narayan Kumar, Shai Prashanth
Sprint-2	Delete the expesnse	USN-4	As a user, I can delete the previously created expenses	8	High	Narayan Kumar, Shai Prashanth
Sprint-2	Passbook	USN-5	As a user, I can see the time-based history of expenses.	4	High	Narayan Kumar
Sprint-3	Adding the Profile Page	USN-6	As a user, I can see the see and edit the name, email, Income and Edit the Limit	4	Medium	Narayan Kumar, Shai Prashanth

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Creating Pie Charts based on the expense	USN-7	As a user, I can view diagrammatic representation of expenses	6	High	Narayan Kumar, Shai Prashanth
Sprint-3	Dashboard	USN-8	As a user,I can see the Pie Chart, Add transactions Button and Last Few Transactions	10	High	Narayan Kumar, Shai Prashanth
Sprint-4	Sending E-mail	USN-9	Sending a Email to user when the expense limit reaches it	4	High	Narayan Kumar
Sprint-4	Testing	USN-10	Testing the application with various tools	8	High	Narayan Kumar, Shai Prashanth
Sprint-4	Deployment	USN-11	Deployment of the Application	8	High	Narayan Kumar, Shai Prashanth

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	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19

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)

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