

Project Planning Phase

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

Date	31 October 2022
Team ID	PNT2022TMID02675
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	Akash Jeta
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Jeevadarshini
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Hema harini
Sprint-1	Dashboard & Logout	USN-4	As a user, once I logged in I can access all the features of the web app and Logout once I completed all the work.	5	High	Akash
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Jeevitha
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Jeevadarshini
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	Hema harini
Sprint-2		USN-8	Add the day to day expense.	6	High	Akash
Sprint-2		USN-9	Display the user added expense	6	High	Jeevitha
Sprint-3		USN-10	Filter the expense data based on criteria	6	Medium	Jeevadarshini
Sprint-3	Charts	USN-11	As a user I can display it in graphs	4	Low	Hemaharini Jeevitha
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Akash Jeevitha
Sprint-4	Deployment	USN-13	As a user I should able to access it anywhere in the net	20	High	Split between 4

Project Tracker, Velocity (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	27 Oct 2022	2 Nov 2022	20	2 Nov 2022
Sprint-2	20	6 Days	3 Novt 2022	8 Nov 2022	20	8 Nov 2022
Sprint-3	20	6 Days	9 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	20 Nov 2022	20	20 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)

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

Sprint	Total story points	Duration	Average velocity
Sprint 1	20	6 Days	20 / 6 = 3.33
Sprint 2	20	6 Days	20 / 6 = 3.33
Sprint 3	20	6 Days	20 / 6 = 3.33
Sprint 4	20	6 Days	20 / 6 = 3.33
Total	80	24 Days	80 / 24 = 3.33

Milestone & Activities

Milestone	Activities
Registration	<ul style="list-style-type: none">• User account creation• User verification using mail
Login	<ul style="list-style-type: none">• User Login• Maintain user logged status
Add Income	<ul style="list-style-type: none">• Add user income and edit• Split the income
Add Expense	<ul style="list-style-type: none">• Add user day to day expense
Display Expense	<ul style="list-style-type: none">• Display the expense data
Filter Expense	<ul style="list-style-type: none">• Create custom filter for filtering the past expense data
Show Charts	<ul style="list-style-type: none">• Display charts
Show Alerts	<ul style="list-style-type: none">• Display alert if the level reached
Deployment	<ul style="list-style-type: none">• Deploy the app