

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID15222
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	
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	
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	
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	
Sprint-2		USN-8	Add the day to day expense.	6	High	
Sprint-2		USN-9	Display the user added expense	6	High	
Sprint-3		USN-10	Filter the expense data based on criteria	6	Medium	
Sprint-3	Charts	USN-11	As a user I can display it in graphs	4	Low	
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	
Sprint-4	Deployment	USN-13	As a user I should able to access it anywhere in the net	20	High	

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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

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

## 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.



## Project Planning:

Projects / Personal Expense Tracker

### Roadmap

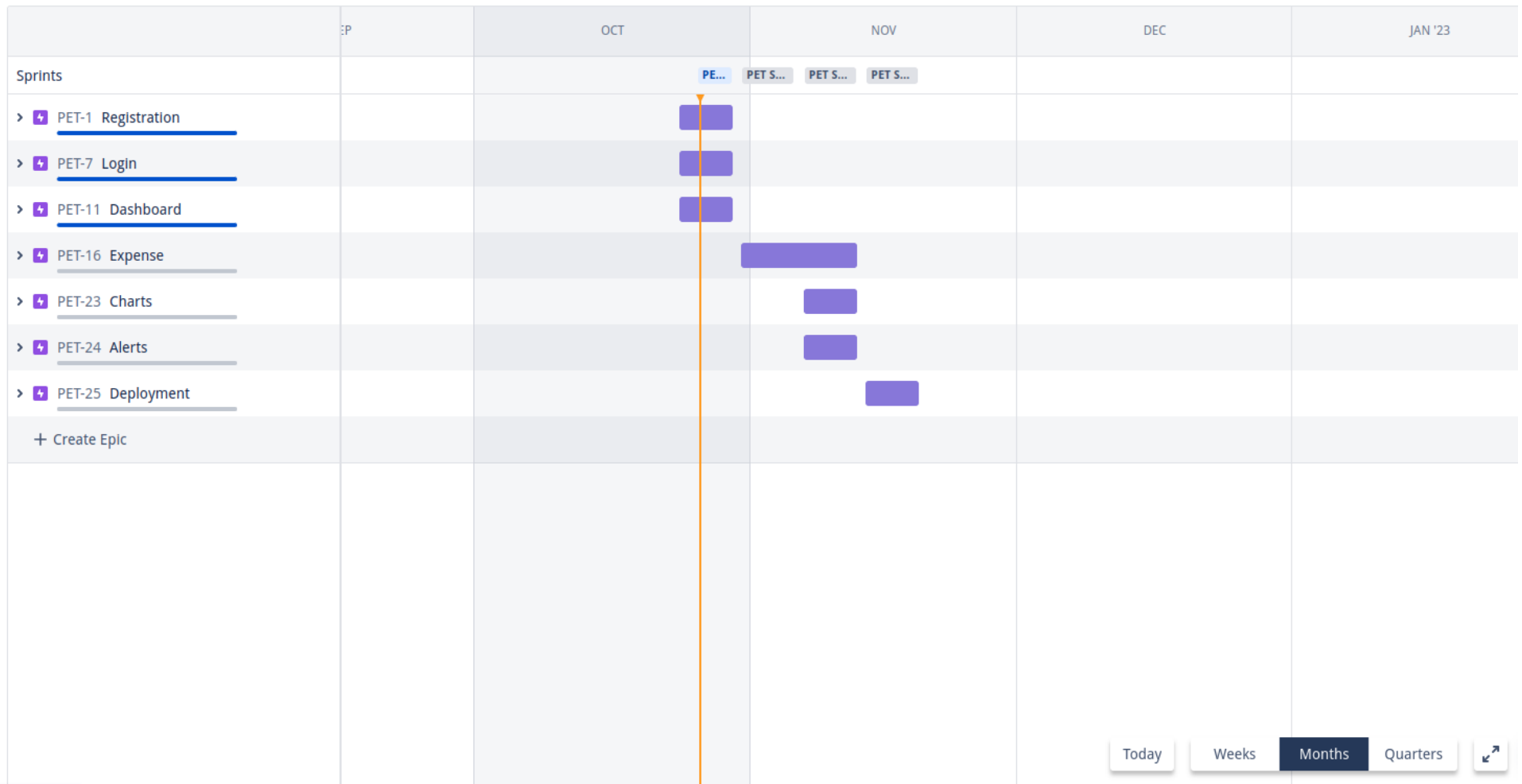
 Give feedback

 Share

AB



Status category ▾



Backlog



AB

Epic

Insights

▼

PET Sprint 1

26 Oct – 29 Oct (3 Issues)

0

20

0

Complete sprint

...

PET-2 User Registration page

REGISTRATION

6

IN PROGRESS

▼

PET-8 User Login Page

LOGIN

5

IN PROGRESS

▼

PET-12 User Dashboard

DASHBOARD

9

IN PROGRESS

▼

+ Create Issue

▼

PET Sprint 2

31 Oct – 5 Nov (1 Issue)

0

0

0

Start sprint

...

PET-17 Expense functionality

EXPENSE

TO DO

▼

+ Create Issue

▼ **PET Sprint 3** 7 Nov – 12 Nov (3 Issues)

000Start sprint...

PET-35 Expense FunctionalityEXPENSE

TO DO▼

PET-26 Display chartsCHARTS

TO DO▼

PET-30 Show AlertsALERTS

TO DO▼

+ Create Issue



▼ **PET Sprint 4** 14 Nov – 19 Nov (1 Issue)

000Start sprint...

PET-31 Deployment of AppDEPLOYMENT

TO DO▼

+ Create Issue



▼ **Backlog** (0 Issues)

000Create sprint

Your backlog is empty.

+ Create Issue

Quickstart

## Milestone & Activities

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