

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022MID53149
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	Naveen M R Rohit A S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Rohit A S Sai Sudarshan S
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Sreenidhi S Naveen M R
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	Sai Sudarshan S Sreenidhi S
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Rohit A S Sreenidhi S
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Sai Sudarshan S
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	Naveen M R
Sprint-2		USN-8	Add the day to day expense.	6	High	Sreenidhi S
Sprint-2		USN-9	Display the user added expense	6	High	Naveen M R
Sprint-3		USN-10	Filter the expense data based on criteria	6	Medium	Split Between 4
Sprint-3	Charts	USN-11	As a user I can display it in graphs	4	Low	Rohit A S
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Sai Sudarshan S Sreenidhi S
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 & 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-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	24 Nov 2022

Velocity:

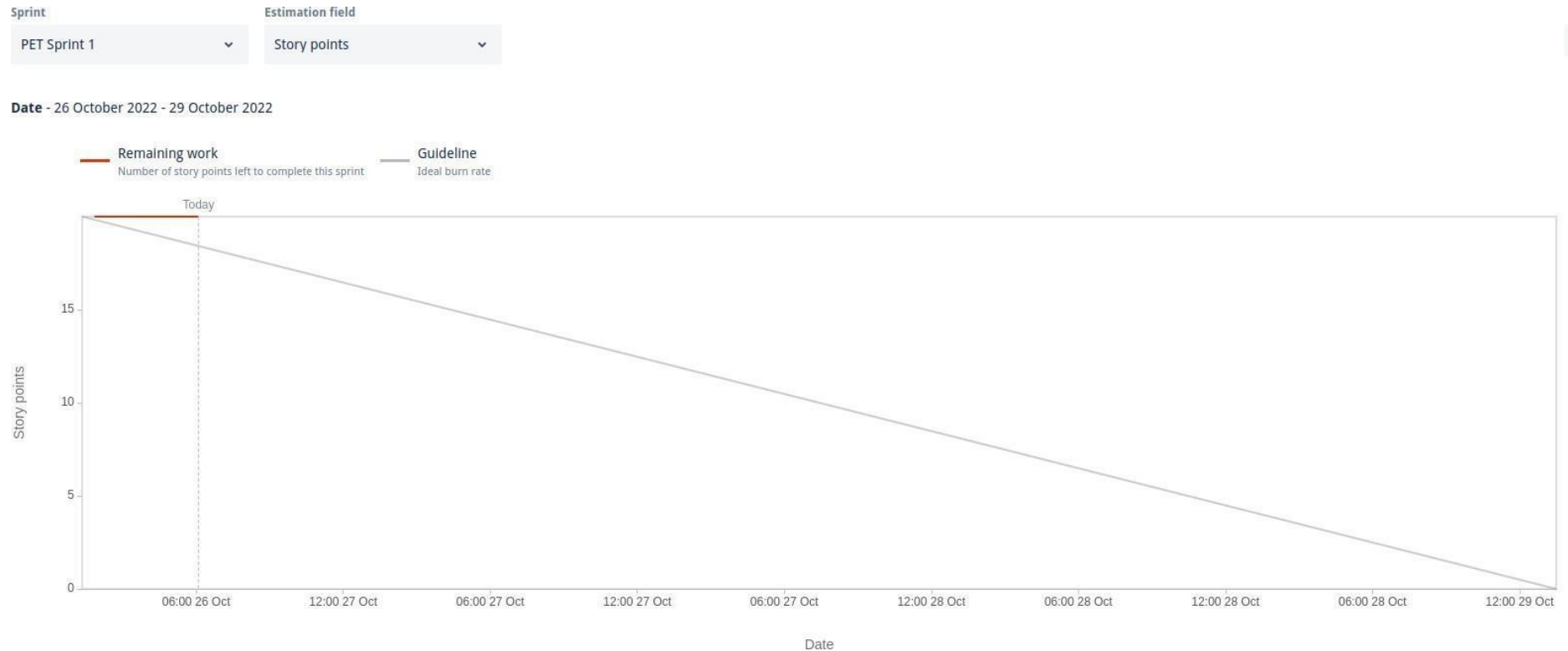
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

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:

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Status category Epic

	T	NOV	DEC	JAN '23
Sprints				
> PETA-8 Registration				
> PETA-2 Login				
> PETA-3 DashBoard				
> PETA-4 Expense				
> PETA-5 Charts				
> PETA-6 Alerts				
> PETA-7 Deployment				
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Today Weeks Months Quarters

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Insights

PETA Sprint 1

Add dates

3 issues

000

Start sprint

PETA-9 Registration page

REGISTRATION

TO DO

PETA-10 User Login Page

LOGIN

TO DO

PETA-11 User Dashboard

DASHBOARD

TO DO

+ Create issue

PETA Sprint 2

Add dates

1 issue

000

Start sprint

PETA-12 Expense Functionality

EXPENSE

TO DO

+ Create issue

PETA Sprint 3

Add dates

3 issues

000

Start sprint

PETA-13 Expense Functionality

EXPENSE

TO DO

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