

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID22679
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	Split between 4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Split between 4
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Split between 4
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	Split between 4
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Split between 4
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Split between 4
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	Split between 4
Sprint-2		USN-8	Add the day to day expense.	6	High	Split between 4
Sprint-2		USN-9	Display the user added expense	6	High	Split between 4
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	Split between 4
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Split between 4
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	3 Days	5 Nov2022	7 Nov 2022	20	7 Nov 2022
Sprint-2	20	3 Days	8 Nov 2022	10 Nov 2022	20	8 Nov 2022
Sprint-3	20	4 Days	11 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	20 Nov 2022	20	25 Nov 2022

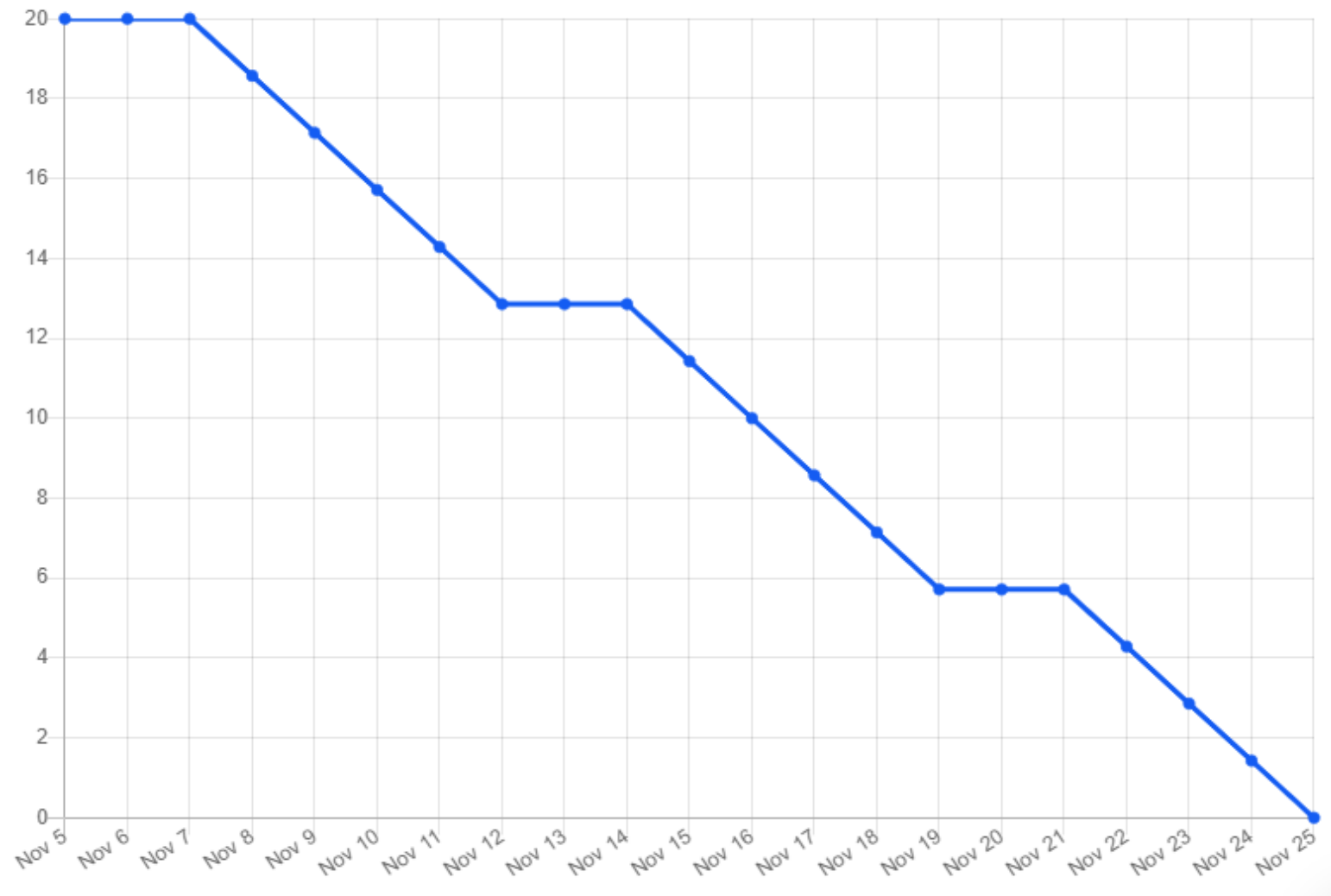
Velocity:

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	3 Days	20 / 3 = 6.66
Sprint 2	20	3 Days	20 / 3 = 6.66
Sprint 3	20	4 Days	20 / 4 = 5.00
Sprint 4	20	6 Days	20 / 6 = 3.33
Total	80	16 Days	80 / 16 = 5.00

Burndown Chart



Project Planning:

personal expense tracker - Roadmap

maha12345.atlassian.net/jira/software/projects/PET/boards/1/roadmap

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- Project pages
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	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
Sprints	PET Sprint 1					PET Sprint 2					PET Sprint 3					PET Sprint 4									
PET-9 Registration	[Task Bar]																								
PET-10 Login	[Task Bar]																								
PET-11 DashBoard	[Task Bar]																								
PET-12 Expsense Functions						[Task Bar]																			
PET-13 Charts											[Task Bar]														
PET-14 wallet limit and alerts											[Task Bar]														
PET-15 Deployment																[Task Bar]									
+ Create Epic																									

Today Weeks Months Quarters

Type here to search

Indian Rupee 16:13 04-11-2022

Backlog



Epic ▾

Insights

▼ PET Sprint 1 5 Nov – 7 Nov (3 issues)

0 0 0

Complete sprint



PET-1 registration page

IN PROGRESS ▾



PET-2 login Page

TO DO ▾



PET-3 Dashboard

TO DO ▾



+ Create issue

▼ PET Sprint 2 8 Nov – 12 Nov (1 issue)

0 0 0

Complete sprint



PET-4 Expenses Functions

TO DO ▾



+ Create issue

Quickstart



Backlog



Epic ▾

Insights

▼ PET Sprint 3 11 Nov – 14 Nov (3 issues)

0 0 0

Complete sprint



PET-5 Implementation of functions (python code)

TO DO ▾



PET-6 Display charts

TO DO ▾



PET-7 show alerts and wallet limit

TO DO ▾



+ Create issue

▼ PET Sprint 4 15 Nov – 20 Nov (1 issue)

0 0 0

Complete sprint



PET-8 Deployment app in ibm cloud

TO DO ▾



+ Create issue

Quickstart



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Complete sprint

...

TO DO 5 ISSUES

Expesne Functions
PET-4

Implementation of functions (python code)
PET-5

Display charts
PET-6

show alerts and wallet limit
PET-7

IN PROGRESS 3 ISSUES

registration page
PET-1

login Page
PET-2

Dashboard
PET-3

DONE ✓