

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID02770
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	Obed Samuel Navaneeth
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Naveen
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Nithin
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	Navaneeth
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Obed Samuel
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Navaneeth
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	Naveen
Sprint-2		USN-8	Add the day to day expense.	6	High	Nithin
Sprint-2		USN-9	Display the user added expense	6	High	Navaneeth
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	Naveen
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Navaneeth
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	19 Nov 2022

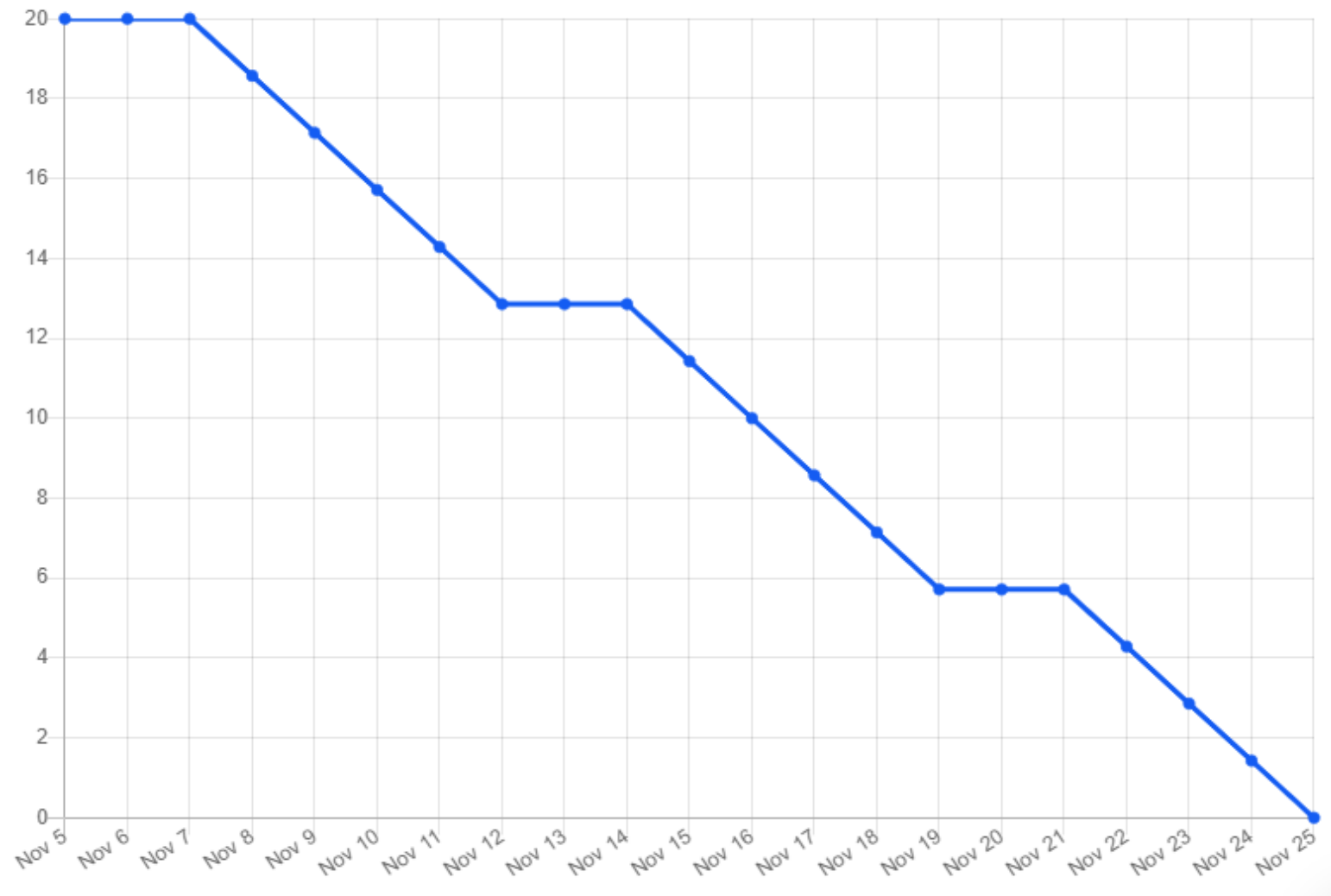
Velocity:

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)

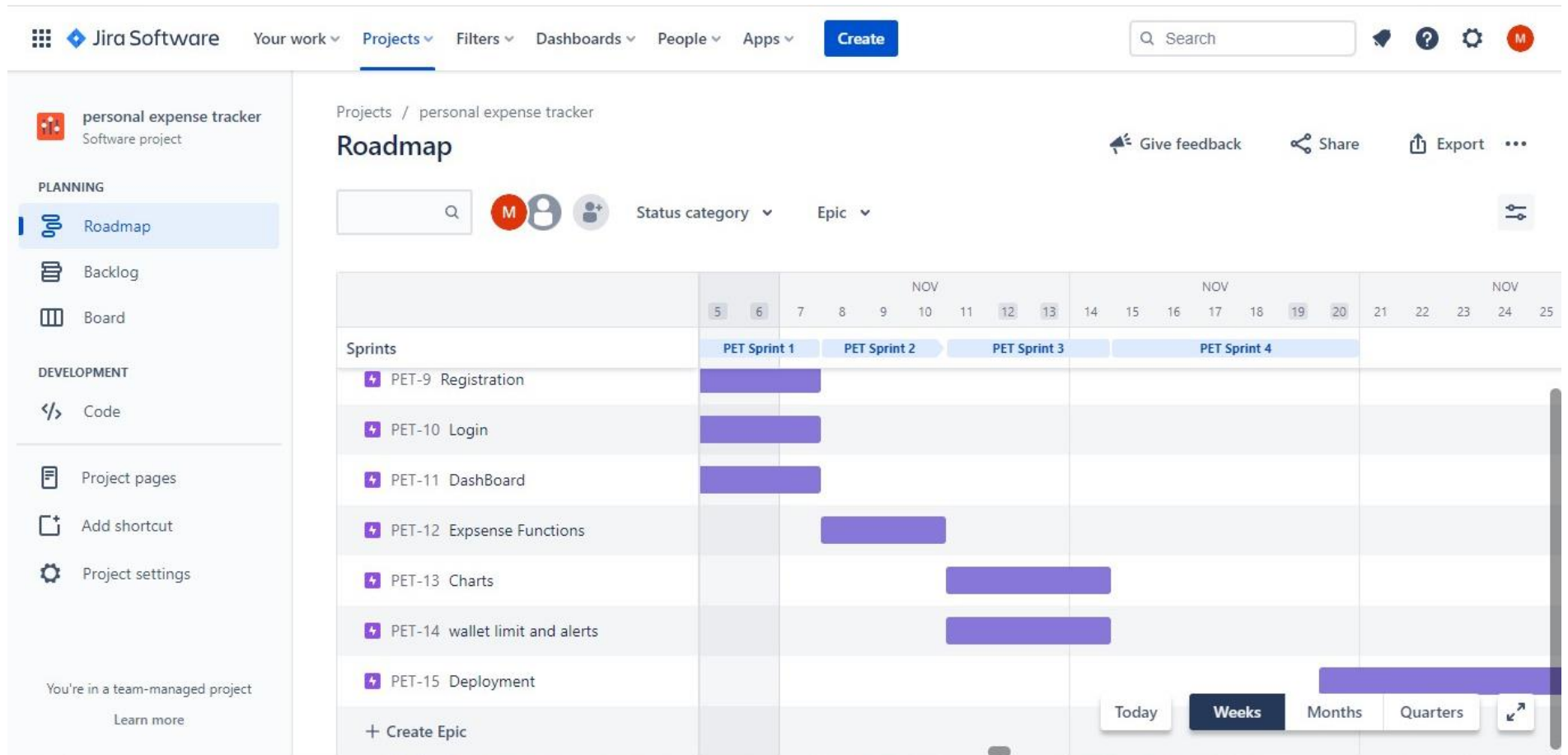
$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Sprint	Total story points	Duration	Average velocity
Sprint 1	20	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:



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 Expesne 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



Board

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Search

?

M

personal expense tracker

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / personal expense tracker

All sprints

M

Epic

Sprint

Complete sprint

GROUP BY

None

Insights

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 ✓