Project Planning Phase

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

Date	08 November 2022
Team ID	PNT2022TMID27137
Project Name	Project – Personal Expense Tracker Application
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.	2	High	Bowiya S, Jayanthika J Blessing J Shanmuganathan L
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	High	
Sprint-1		USN-4	As a user, I can register for the application through Gmail	1	Low	
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Bowiya S Jayanthika J Blessing J Shanmuganathan L
Sprint-2		USN-6	After registration, as a user can Login into the application.	2	High	
Sprint-3		USN-7	As a user I can change my password through reset link from email	1	Low	
Sprint-2	Account activation	USN-8	As a user I will receive confirmation email once I have registered for the application	2	High	Blessing J
Sprint - 1	Dashboard	USN-9	As a User I can add expense and income	2	High	Bowiya S Jayanthika J
Sprint - 2		USN-10	As a user I can add,view my past expense and income over a period of time	2	High	

Sprint-2		USN-11	As a user I can add my limit expense	2	High	Bowiya S
Sprint-3		USN-12	As a user I can view my overall expense	2	High	Jayanthika
						Blessing J
						Shanmuganathan L
Sprint-4	Connecting the database to IBM DB2	USN-13	.Linking database with dashboard	2	High	Bowiya S
						Jayanthika J
						Blessing J
						Shanmuganathan L
Sprint-3	Notifications	USN-14	As a user when my monthly limit exits I can get an email notification	2	High	Bowiya S
						Jayanthika J
						Blessing J
						Shanmuganathan L
Sprint-4	BOT	USN-15	As a BOT, I will provide interactive communication with the user and provide the information they need.	2	High	Shanmuganathan L

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

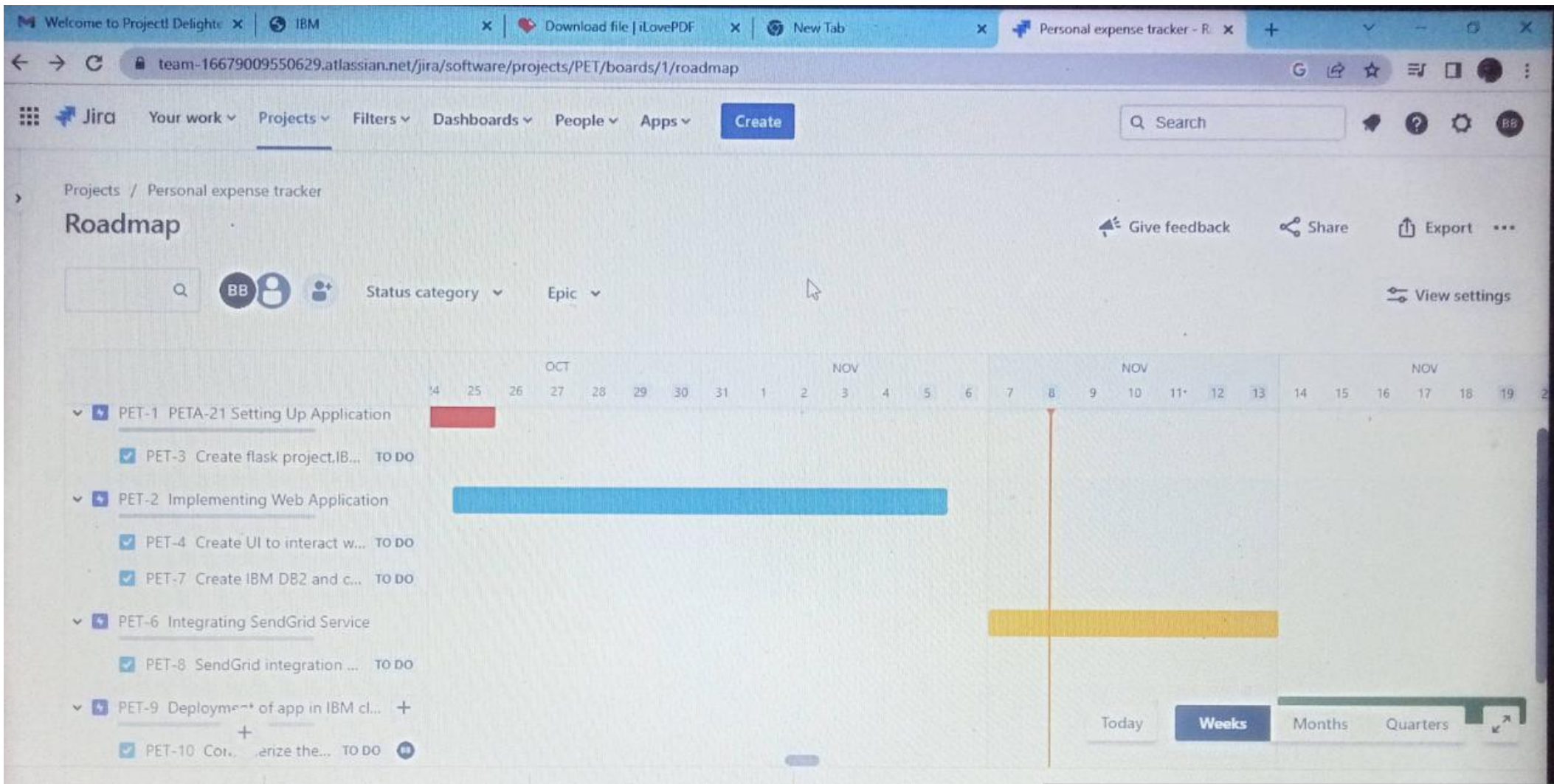| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	9	2 Days	06 Nov 2022	07 Oct 2022		
Sprint-2	10	4 Days	08 Nov 2022	11 Nov 2022		
Sprint-3	5	2 Days	12 Nov 2022	14 Nov 2022		
Sprint-4	4	4 Days	15 Nov 2022	18 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)
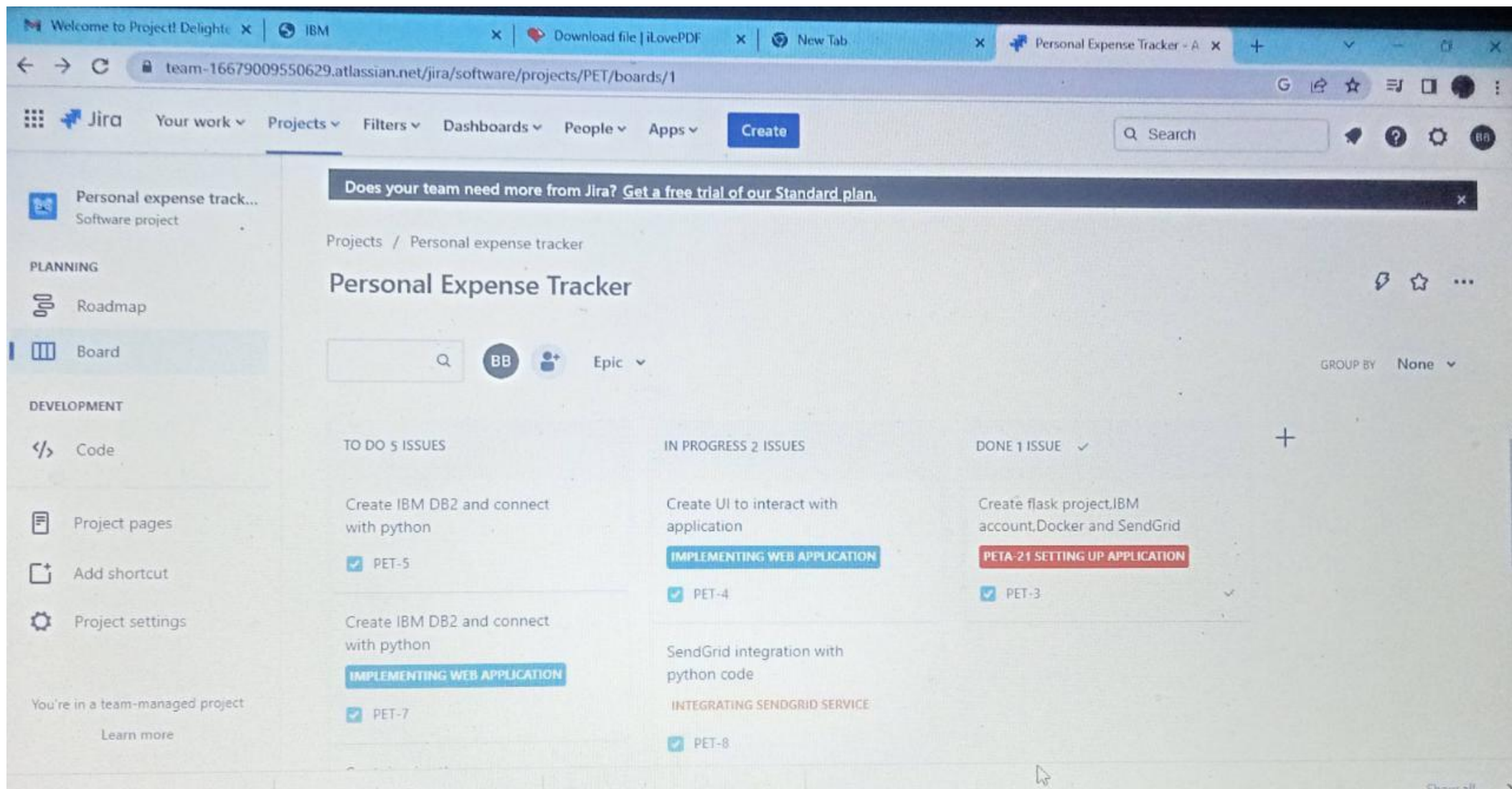
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burndown 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.
https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

← → C 🔒 team-16679009550629.atlassian.net/jira/software/projects/PET/boards/1/roadmap

Jira Your work ∨ Projects ∨ Filters ∨ Dashboards ∨ People ∨ Apps ∨ Create

Q Search

Projects / Personal expense tracker

Roadmap

📢 Give feedback   ⤳ Share   ⬆ Export ⋯

Q BB 👤 👤⁺   Status category ∨   Epic ∨

⇄ View settings

		OCT					NOV					NOV						NOV	
24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11·	12	13	14	15	16	17	18	19

∨ ⬘ PET-1 PETA-21 Setting Up Application   ▬

☑ PET-3 Create flask project,IB... **TO DO**

∨ ⬘ PET-2 Implementing Web Application   ▬▬▬▬▬▬

☑ PET-4 Create UI to interact w... **TO DO**

☑ PET-7 Create IBM DB2 and c... **TO DO**

∨ ⬘ PET-6 Integrating SendGrid Service

☑ PET-8 SendGrid integration ... **TO DO**

∨ ⬘ PET-9 Deployment of app in IBM cl... +

☑ PET-10 Cor. .erize the... **TO DO** ⬤

Today   **Weeks**   Months   Quarters

M Welcome to Project! Delight × | ⊕ IBM × | ♥ Download file | iLovePDF × | ⊕ New Tab × | ✈ Personal Expense Tracker - A × | +

← → C 🔒 team-16679009550629.atlassian.net/jira/software/projects/PET/boards/1   G ☆ ⭐ ≡/ □ ⬤

▦ ✈ Jira   Your work ∨   Projects ∨   Filters ∨   Dashboards ∨   People ∨   Apps ∨   **Create**   Q Search   📢 ❓ ⚙ 🔵

🖼 **Personal expense track...**
Software project

Does your team need more from Jira? **Get a free trial of our Standard plan.**   ✕

PLANNING

Projects / Personal expense tracker

🔄 Roadmap

Personal Expense Tracker   ✏ ☆ ⋯

▥ Board   Q   🔵 BB   👤⁺   Epic ∨   GROUP BY   None ∨

DEVELOPMENT

                                            TO DO 5 ISSUES   IN PROGRESS 2 ISSUES   DONE 1 ISSUE ✓   ＋

</> Code   Containerize the app

                                            DEPLOYMENT OF APP IN IBM CLO...

▤ Project pages
                                            ☑ PET-10   🔵 BB

⎘ Add shortcut
                                            Upload image to IBM container
⚙ Project settings   registry

                                            DEPLOYMENT OF APP IN IBM CLO...

You're in a team-managed project   ☑ PET-11   🔵 BB

        Learn more
                                            Deploy in kubernets

                                                                                                                                    Show all