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

Date	18 October 2022
Team ID	PNT2022TMID28027
Project Name	Personal Expense Tracker Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

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	Varsha, Rajashree
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	Low	Manjaarika
Sprint-1		USN-4	As a user, I can log into the application by entering user name & password	1	Low	Rajashree
Sprint-2	Dashboard	USN-5	As a user, I can enter into the dashboard to add transaction and salary	2	High	Shruthi, Varsha
Sprint-2		USN-6	As a user ,I can view the transaction history and salary of a particular month.	2	Medium	Shruthi, Manjaarika
Sprint-2		USN-7	As a user , I can view the current month balance	2	Medium	Varsha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Report	USN-8	As a user, I can view the category wise transaction for a particular month in the form of pie chart	3	High	Manjaarika, Rajashree
Sprint-3		USN-9	As a user , I can view the comparison between the previous year and current year transaction in the form of bar graph	3	high	varsha, Rajashree
Sprint-4	Watson Assistant	USN-10	As a user, I can clarify the queries using chatbot	2	Low	Shruthi
Sprint-4	SendGrid	USN-11	As a user, I can receive Alerts and messages via email when it exceeds the certain a amount	4	High	Manjaarika, Shruthi

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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	6	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	6	19 Nov 2022

Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 6 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity}$$

$$= 6/6$$

$$= 1$$