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

Date	22 October 2022
Team ID	PNT2022TMID47461
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.	5	High	Crosswin
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	Low	Liji
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	4	High	Jasmine
Sprint-2	Dashboard	USN-5	As a user, I can view my expenses in the web UI shows weekly expense	5	High	Liji
Sprint-2		USN-6	As a User, I can to see my expenses as a Graph based on the predefined categories	10	High	Crosswin
Sprint-3	Add Expense or Income	USN-7	As a user, I can add Expenses and income.	5	High	Aravindan
Sprint-3		USN-8	Modify expenses and Income	5	Medium	Liji
Sprint-3	Maximum limit	USN-9	As a user, I want to set an upper limit in the Expenses.	3	High	Crosswin
Sprint-3		USN-10	As a user, I want to receive a email when my expenses exceed the limit	3	High	Jasmine
Sprint-4	User Profile	USN-4	As a user ,I can edit my details and change my password	4	High	Aravindan
Sprint-4	Chatbot	USN-11	As a User, it will be helpful to have a interactive Chatbot	4	Low	Jasmine

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	11	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	15	
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	16	
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	8	

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 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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:
https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
https://www.atlassian.com/agile/tutorials/sprints
https://www.atlassian.com/agile/project-management/estimation
https://www.atlassian.com/agile/tutorials/burndown-charts