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

Date	18 October 2022
Team ID	PNT2022TMID03675
Project Name	Personal Expense Tracker
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.	2	High	Anand Mohanan
Sprint-3	Secuirty	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Anand Mohanan
Sprint-3	Registration	USN-3	As a user, I can register for the application through Facebook	1	Low	Prasanna M
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Syed Rayaan Ahmedh
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Anand Mohanan
Sprint-2	Dashboard	USN-6	As a user,I can view,edit,delete my expenses and budget.	2	High	Arunachalam
Sprint-3	Report	USN-7	As a user, I can group the expenses	1	Medium	Syed Rayaan Ahmedh
Sprint-4	In built Calender	USN-8	As a user,I can keep track of the expenses and other financial stuff using the calender.	1	Low	Prasanna
Sprint-2	Alert	USN-9	As a user, i should be able to receive alerts whenever i exceed my limit.	2	High	Anand Mohanan
Sprint-4	Graphical Representation	USN-10	As a user,I can view my expense data in a graphical way.	1	Medium	Anand Mohanan
Sprint-4	Security	USN-11	As a administrator, i can view if there are any spam accounts and i should be able to ban them	2	Medium	Prasanna
Sprint-4	Help	USN-12	As a customer care executive, I should be able to receive calls from users for any help.	1	Low	Arunachalam
Sprint-3	Chat Bot	USN-13	As a customer, I should be able to chat with the	2	High	Syed Rayaan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			chat bot regarding any queries.			Ahmedh

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		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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)

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

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