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Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

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Date	28 October 2022
Team ID	PNT2022TMID18300
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	I can sign up for the application as a user by providing my email address with password, and a password for confirmation.	2	High	2
Sprint-1		USN-2	When I register for the application as a user, I will get a confirmation email.	1	High	1
Sprint-1		USN-3	I can sign up for the application as a user through Gmail.	1	High	1
Sprint-1	Login	USN-4	I may access the program as a user by providing my email address and password.	3	High	3

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -2	Login	USN-5	After logging in, I as a user, must be able to update my profile by adding all thenecessary information.	4	High	4
Sprint-3	Income update	USN-6	I can add wallet balance and add income as a user.	4	Medium	4
Sprint-3	Income update	USN-7	I can update all income in the wallet as a user.	2	Medium	2
Sprint-4	Expense update	USN-8	I can add wallet balance, add or remove expenses as a user.	3	High	3
Sprint-1	Expense update	USN-9	I can add Categories for expenses.	2	High	2
Sprint-2	Graphical Representation	USN-10	I can get my expenses in a graphical representation.	4	High	4
Sprint-3	improvisation	USN-11	Application is tested for improvisation and bugs to provide Quality of service to the user.	3	High	3
Sprint-4	Output	USN-12	I can protect my privacy as a user with the aid of a username and password.	3	High	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	6 Days	26 Oct 2022	01 Nov 2022	20	01 Nov 2022
Sprint-2	20	6 Days	02 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	19 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)

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

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