Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID00574
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.	3	High	Syed Nishad Santhosh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Rufus Yogeshvaran
Sprint-2		USN-3	As a user, I can register for the application through Mobile Number	2	Low	Syed Nishad
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	2	Medium	Santhosh Rufus
Sprint-2	Dashboard	USN-5	As a user, to able to see the basic features of the application can be viewed	3	High	Syed Nishad Yogeshvaran
Sprint-4		USN-6	As a customer is able to set up their salary and save his expenses	5	High	Santhosh Rufus
Sprint-3		USN-7	Customer can able to track their expense by checking the expenditure graph	5	High	Syed Nishad Yogeshvaran Santhosh

Sprint-3		USN-8	Customer can export their expense graph	5	High	Rufus, Yogeshvaran, Santhosh
Sprint-4		USN-9	Customer can edit their expense limits on the mid way of the month	5	High	Syed Nishad, Santhosh, Rufus

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	5	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

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

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)

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
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