Project Planning Phase

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

Date	05 NOVEMBER 2022
Team ID	PNT2022TMID31586
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	Homepage	USN-1	As a user I can view theindex page to see the about of the Expense tracker	10	High	Harshil
Sprint-1	Registration	USN-2	As a User, I need to register user id and passcode for every workers over there in municipality	10	High	Gokulakrishnan
Sprint-1	Login	USN-3	As a user, I need to login with user id and password to get in to the website	10	High	Aswin Raj
Sprint-2	Dashboard	USN-4	As a User, I will follow Co-Admin's instruction to reach the filling bin in short roots and save time	20	Low	Arun Harshil
Sprint-3	Add Expenses	USN-5	As a User I will add my expense throughout the month I spend on	20	Medium	Aswin Raj
Sprint-3	Total Expense Graph	USN-6	As a User I can view my expense in a graph of overview of the expense I spend.	20	Medium	Gokulakrishnan Aswin Raj
Sprint-4	Deployment in cloud	USN-7	As a User I can access the cloud to store my data of expense	20	High	Harshil Gokulakrishnan Aswin Raj Arun

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	23 Oct 2022	28 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	30 Oct 2022	04 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	06 Nov 2022	11 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	13 Nov 2022	18 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.