Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32503
Project Name	Personal Expense Tracker
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirements (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	Eswar R Hariharan T Gopika A Harinimari K
Sprint-1	Login	USN-2	As a user, I can login to user dashboard and see the information about my incomes and expenses.	3	High	Eswar R Hariharan T Gopika A Harinimari K

Sprint	Functional Requirements (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Dashboard	USN-3	As a user, I can enter my income and expenditure details.	4	High	Eswar R Hariharan T Gopika A Harinimari K
Sprint-3	Expense Update	USN-4	As a user, I can track my expenses and manage my monthly budget.	2	High	Eswar R Hariharan T Gopika A Harinimari K
Sprint-3	Email Alert	USN-5	As a user, I can see if there is an excessive expense and if there is such condition, I will be notified via email.	6	Medium	Eswar R Hariharan T Gopika A Harinimari K
Sprint-4	Customer Care	USN-6	As a customer care executive, I can solve the login issues and other issues of the application.	3	Medium	Eswar R Hariharan T Gopika A Harinimari K
Sprint-4	Application	USN-7	As an administrator, I can upgrade or update the application.	3	Medium	Eswar R Hariharan T Gopika A Harinimari K

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

Velocity:

Imagine we have a 6-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).

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.33$$