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

Date	25 OCT 2023
Team ID	NM2023TMID03223
Project Name	A Comprehensive Analysis of financial Independence based on Data taken from reddit
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 Initialization	Detailed Documentation	USN001	Initiate project,define scope,set objectives.	N/A	Varies based on priority	Mukundhan
Sprint-2 Requirement gatherings	Uses cases	USN002	Meet with stakeholders , gather requirements ,document findings	N/A	Medium	Agalya
Sprint-3 User story development	Design specifications	USN003	Create user stories, Define acceptance criteria ,review with the team.	3	High	Malligeshwari
Sprint-4 Estimation and prioritization	Process Flow chart	USN004	Estimate story point ,assign tasks ,Create a sprint plan	5	High	Keerthana
Sprint-5 Team allocation	Requirement traceability	USN005	Prioritize user stories , create a sprint balcklogs	N/A	Varies based on priority	Mukundhan

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	2 Days	20 Oct 2023	29 Oct 2023	20	29 Oct 2023
Sprint-2	20	2 Days	22 Oct 2023	29 Oct 2023	20	29 Oct 2023
Sprint-3	20	2 Days	24 Nov 2023	29 Oct 2023	20	29 Oct 2023
Sprint-4	20	2 Days	26 Nov 2023	29 Oct 2023	20	29 Oct 2023
Sprint-5	20	2 Days	28 Nov 2023	29 Oct 2023	20	29 Oct 2023

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