Project Planning Phase

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

Date	15 October 2023
Team ID	NM2023TMID07219
Project Name	Estimation Of Business Project
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	Expenditure Categorization	USN-1	The system should support the categorization of expenditures into a diverse array, including but not limited to 'Annual Payroll,' 'Purchased Professional and Technical Services,' 'Purchased Communication Services,' 'Depreciation and Amortization Charges,' and 'Other Operating Expenses.'	2	High	
Sprint-1	Percentage Distribution Analysis	USN-2	It should analyze and display the percentage distribution of expenses within each category, offering insights into the proportional allocation of resources	1	High	
Sprint-2	Detailed Employer Costs for Fringe Benefits	USN-3	Provide a detailed breakdown of 'Detailed Employer Costs for Fringe Benefits,' including components such as health insurance and pension plans.	2	Low	
Sprint-1	Costs Analysis for Communication Services	USN-4	Analyze and report costs related to 'Purchased Communication Services,' identifying patterns and trends in communication expenses.	2	Medium	
Sprint-1	User-Friendly Interface	USN-5	Design an intuitive and user-friendly interface that allows stakeholders, including financial analysts and decision-makers, to easily navigate and interact with the financial data.	1	High	

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 Sep 2023	29 Sep 2023	20	1 Oct 2023
Sprint-2	20	6 Days	30 Sep 2023	05 Oct 2023	10	9 Oct 2023
Sprint-3	20	6 Days	07 Oct 2023	12 Oct 2023	20	15 Oct 2023
Sprint-4	20	6 Days	14 Oct 2023	19 Oct 2023	20	16 Oct 2023

Velocity:

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

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)