

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID52869
Project Name	AI BASED DISCOURSE FOR BANKING INDUSTRY
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	Registration	USN-1	As a user, I can register via website by entering my email, password, and confirming my password.	20	High	Uma Priya Selvam Shivani singh
Sprint-1		USN-2	As a user, I will receive confirmation OTP via email notification. Once I have registered for the application.	10	High	Mythily A Manshi Mithra T
Sprint-2	Saving account related details	USN-3	As a user, I can select types of saving account to get details regarding the documents required for creating the saving account	20	Low	Uma Priya Selvam Manshi Mithra .T
Sprint-1		USN-4	As a user, I can check the interest rates and minimum balance of saving account	5	Medium	Shivani singh Mythily A
Sprint-3	Loan account related details		As a user, I can choose the specific type of loans get details regarding it.	10	High	Shivani Singh Manshi Mithra T
			AS a user, I can check the loan amounts and check the current status of loan for my loan account	20	High	Mythily A Shivani Singh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -4	General queries	USN-5	As a user, I can clarify my general queries regarding deposits, accounts changing, internet banking, cards, transfers, retravel of old details, guarantees and consultancy.	10	High	Uma Priya Selvam Manshi Mithra. T
Sprint -5	Administrator		As an admin I can modify, update about the new information to the chatbot		High	Uma Priya Selvam Mythily A

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 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)

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

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.

DAY	ESTIMATED WORK	ACTUAL WORK
1	150	125
2	135	110
3	120	100
4	105	90
5	90	75
6	75	59
7	60	48
8	45	30
9	30	16
10	15	8

Estimated work vs actual work

