Project Planning Phase

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

Date	22 OCTOBER 2022
Team ID	PNT2022TMID48208
Project Name	AI-based discourse for Banking Industry
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	Create IBM Service	USN-1	As a user, I can see a Watson Assistant.	1	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-1	Chatbot Skills Creation	USN-2	As a user, I will see the Chatbot having banking-related skills.	1	High	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-2	Creating Saving Account Action	USN-3	As a user, I can converse with the chatbot regarding saving account-related queries.	2	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S

Sprint		USN	User Story	Points	Priority	Team
Sprint-2	Creating Current Account Action	USN-4	As a user, I can converse with the chatbot regarding current account-related queries.	2	High	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-3	Creating Loan Account Action	USN-5	As a user, I can converse with the chatbot regarding loan account-related queries.	2	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Creating General Query Action	USN-6	As a user, I can converse with the chatbot regarding general queries.	2	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-3	Creating Net Banking Action	USN-7	As a user, I can converse with the chatbot regarding net banking-related queries.	2	High	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-4	Creating Assistant & Integrate With Flask Web Page (Build Python Code)	USN-8	As a user, I can see a flask web page for bank.	1	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S
Sprint-4	Build HTML Code	USN-9	As a user, I can web pages integrated with a chatbot.	1	Medium	Kaviyarasan M Maha vishnu S Abdul Rahman H Manoj kumar S

| Sprint-4 | Run The Application | USN-10 | As a user, I can communicate with the chatbot 24*7. | 1 | Medium | Kaviyarasan M
Maha vishnu S
Abdul Rahman H
Manoj kumar S |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

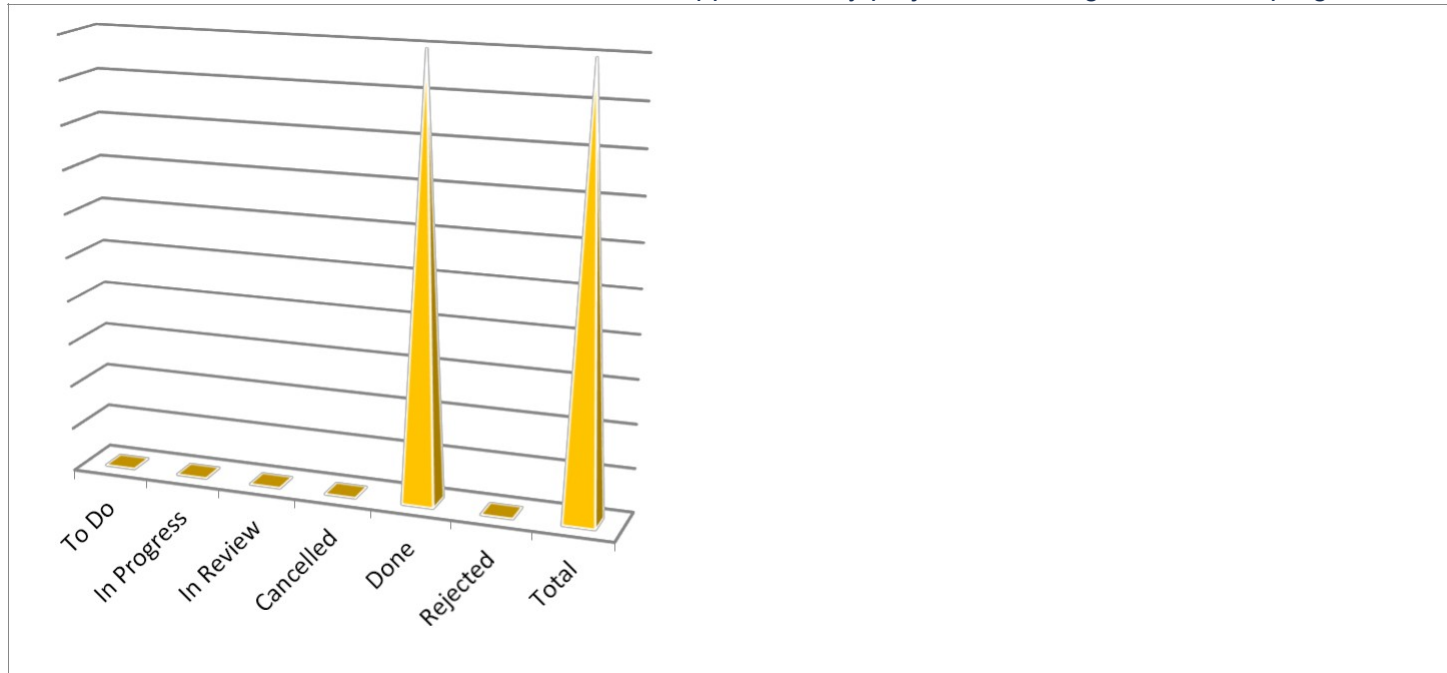| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	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)

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile <u>software development</u> methodologies such as <u>Scrum.</u> However, burn down charts can be applied to any project containing measurable progress over time.

Priority Breakdown: