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

Date	18 October 2022
Team	PNT2022TMID40307
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	Create IBM Watson Assistant Service	2	High	Arunkumar R Nithish Kumar B Surya A
Sprint-2		USN-2	Chatbot Skills Creation	1	High	Panneerselvam K Rajakumaran M
Sprint-2		USN-3	Creating Saving Account Action	2	Low	ARUNKUMAR R Nithish Kumar B Surya A Panneerselvam K Rajakumaran

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						M Surya A
Sprint-2		USN-4	Creating Current Account Action	2	Medium	Arunkumar R NithishKumar B Panneerselva m K Rajakumaran M Surya A
Sprint-3		USN-5	Creating Loan Account Action			ARUNKUMAR R Nithish Kumar B Surya A Panneerselva m K Rajakumaran M Surya A
Sprint -3		USN-6	Creating General Query Action			ARUNKUMAR R Nithish Kumar B Surya A Panneerselva m K Rajakumaran M Surya A
Sprint-3		USN-7	Creating Net Banking Action			ARUNKUMAR

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						R Nithish Kumar B Surya A Panneerselva m K Rajakumaran M Surya A
Sprint -4		USN-8	Build Python Code			ARUNKUMAR R Nithish Kumar B Surya A Panneerselva m K Rajakumaran M Surya A
Sprint-4		USN-9	Build HTML Code			ARUNKUMAR R Nithish Kumar B Surya A Panneerselva m K Rajakumaran M Surya A
Sprint-4		USN-10	Run the Application			ARUNKUMAR R Nithish Kumar B Surya A

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Panneerselvam K Rajakumaran M Surya 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		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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 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
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https://www.atlassian.com/agile/project-management/estimation
https://www.atlassian.com/agile/tutorials/burndown-charts