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

Date	18 October 2022
Team ID	PNT2022TMID53170
Project Name	Project – 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	Getting Information	USN-1	As a user, I should be able to get answers to queries on creation of a bank account so that I understand how to create a bank account	3	Low	Anni
Sprint-1		USN-2	As a user, I should be able to get answers to loan queries so that I can request for loans			Gokul
Sprint-2		USN-3	As a user, I should be able to get answers to general banking queries so that I am aware of how the bank works	5	Medium	Badri, Harshithaa
Sprint-2		USN-4	As a user, I should be able to get answers to net banking queries so that I can use the application properly			Gokul, Harshithaa

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Natural Language Processing (NLP) & Dialogue Management	USN-5	As a user, my intent should be understood so that the answers are concise	13	High	Anni, Badri, Gokul, Harshithaa
Sprint-3		USN-6	As a user, I expect the bot to understand the context from previous messages, so that the conversational state is maintained	8	Medium	Anni, Harshithaa
Sprint-2		USN-7	As a user, I expect there to be predefined questions along with answers so that common queries are answered quickly			Badri, Gokul
Sprint-3		USN-8	As a user, I expect the bot to assist me by carrying out appropriate actions beyond providing answers so that I experience a holistic customer service			Gokul, Anni
Sprint-4		USN-9	As a user, I expect the bot to take input via text and voice, so that I can use it to my convenience	5	Medium	Badri, Anni
Sprint-4		USN-10	As a user, I expect the bot to respond with text and voice, so that I can use it to my convenience	3	Low	Badri, Gokul
Sprint-4	Updating Database	USN-11	As an Admin, I should have the privilege to add or modify existing chat bot data, so that the chat bot is up to date	5	Medium	Harshithaa, Anni

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	19	6 Days	24 Oct 2022	29 Oct 2022	19	29 Oct 2022
Sprint-2	18	6 Days	31 Oct 2022	05 Nov 2022	18	05 Nov 2022
Sprint-3	16	6 Days	07 Nov 2022	12 Nov 2022	8	12 Nov 2022
Sprint-4	13	6 Days	14 Nov 2022	19 Nov 2022	0	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>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>