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

Date	4 November 2022
Team ID	PNT2022TMID32797
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	IBM Watson Assistant Creation	USN-1	As a user, I can register for IBM skills build and create a Watson Assistant Service.	12	High	Siddiq, Sri prasanna
Sprint-1	Action Skills Creation	USN-2	As a user, I can add new action skills to resolve customer queries.	4	High	Renganathan, Visakan
Sprint-1	Savings Account Action	USN-3	As a user, I can get the details of required documents for Regular Savings Account, Kids Savings Account, and Zero-Balance Savings Account.	4	Low	Siddiq
Sprint-2	Current Account Action	USN-4	As a user, I can get the details of required documents for creating Partnership, Proprietorship Account.	10	Medium	Sri prasanna, Renganathan
Sprint-2	Loan Action	USN-5	As a user, I can get the details of required documents for availing gold loan, top-up	10	High	Visakan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			loan,housing loan,vehicle loan from the bank.			Siddiq
Sprint-3	General Query Action	USN-6	As a user, I can get resolved for the queries like CIBIL score, storage facilities available in the bank, currency conversion policy, list of branches, nearest branch available.	10	High	Sri prasanna, Renganathan
Sprint-3	Net Banking Action	USN-7	As an user, I can get resolved for the queries like features of net banking, issues regarding net banking, etc.,	10	Medium	Visakan, Siddiq
Sprint-4	Building Python code (using Flask frame work)	USN-8	As an admin, I make use of the Flask framework to link a html web page.	12	High	Sri prasanna, Renganathan, Visakan
Sprint-4	Building HTML code	USN-9	As an admin, I make use of html to create the web page as a front-end for the application.	6	High	Renganathan, Siddiq
Sprint-4	Executing the application	USN-10	As an admin, I can integrate the chat bot with our web page. As an user, I can interact with the chatbot in the web page.	2	Medium	Visakan, Sri prasanna

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	26 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	02 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	09 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	16 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)
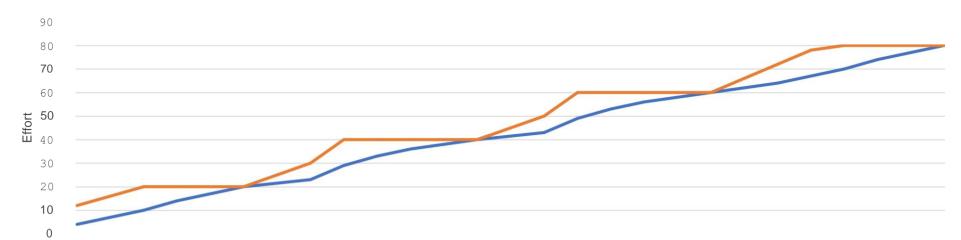
$$Average\ Velocity = Sprint\ duration\ /\ Velocity$$

$$=\ 20\ /\ 6\ =\ 3.33$$

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.

Burndown Chart

Days of Sprint

Effort

Planned Effort — Actual Effort