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

Date	21 October 2022
Team ID	PNT2022TMID30161
Project Name	Project - 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-4	Bot Preview	USN-1	As a user, I can view the bot preview, and it has a user-friendly UI.	2	High	Megala MS
Sprint-4	Greeting Message	USN-2	As a user, I can receive welcoming messages from the bot.	2	Low	Bhadrinath PS
Sprint-4	Ask Queries	USN-3	As a user, I can see the bot preview asking for guidance to create a saving bank account.	2	Medium	Megala MS
Sprint-4		USN-4	As a user, I can see the bot preview asking for guidance to create a current bank account.	2	Medium	Karthiban MJ
Sprint-4		USN-5	As a user, I can type loan-related queries.	2	Medium	Bhavatharani C
Sprint-4		USN-6	As a user, I can type general banking queries.	2	Medium	Bhadrinath PS
Sprint-4		USN-7	As a user, I can type net-banking queries.	2	Medium	Bhavatharani C
Sprint-4	Customer Support	USN-8	As a user, I can receive contact information from customer care executive through the bot.	2	Medium	Bhavatharani C
Sprint-4	Run The Application	USN-9	A user can access the bot at any time.	2	High	Karthiban MJ

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Create IBM Service	USN-10	As an admin, I must create the required IBM service, Watson Assistant.	2	High	Karthiban MJ
Sprint-1	Chatbot Skill Creation	USN-11	As an admin, I can add welcoming messages, customer care executive contact information to the bot.	3	Medium	Bhadrinath PS
Sprint-1	Creating Saving Account Action	USN-12	As an admin, I can add a response to create a new saving account.	5	High	Megala MS
Sprint-1	Creating Current Account Action	USN-13	As an admin, I can add a response to create a new current account.	5	High	Karthiban MJ
Sprint-2	Creating Loan Account Action	USN-14	As an admin, I can add a response to create a new loan account.	5	High	Bhavatharani C
Sprint-2	Creating General Query Action	USN-15	As an admin, I can insert responses to general banking queries.	5	High	Bhadrinath PS
Sprint-3	Creating Net-Banking Action	USN-16	As an admin, I can insert responses to net-banking queries.	5	High	Bhavatharani C
Sprint-3	Integrate With Flask Webpage	USN-17	As an admin, I will integrate with the Flask webpage using Python code following the establishment of Assistant.	5	High	Bhadrinath PS
Sprint-3	Bot Preview	USN-18	As an admin, I employ HTML code to design the front-end of the website.	5	High	Megala MS
Sprint-4	Run The Application	USN-19	An admin can also access the bot at any time.	2	High	Karthiban MJ

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	15	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

AV = Velocity / Sprint duration

Sprint-1:

Velocity / Sprint duration = 15 / 6 = 2.5

Sprint-2:

Velocity / Sprint duration = 10 / 6 = 1.6

Sprint-3:

Velocity / Sprint duration = 15 / 6 = 2.5

Sprint-4:

Velocity / Sprint duration = 20 / 6 = 3.3

Sprint	Velocity
Sprint-1	2.5
Sprint-2	1.6
Sprint-3	2.5
Sprint-4	3.3

Total Average Velocity = 2.47