

Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID35525
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-1	Create IBM Service	USN-1	As an admin, I must create the required IBM service, Watson Assistant.	2	High	Varshaa KS Sreeharini ER
Sprint-1	Chatbot Skill Creation	USN-2	As an admin, I can add welcoming messages, customer care executive contact information to the bot.	3	Medium	Abirami Rathina Srividhya V
Sprint-1	Creating Saving Account Action	USN-3	As an admin, I can add a response to create a new saving account.	5	High	Abirami Rathina Srividhya V
Sprint-1	Creating Current Account Action	USN-4	As an admin, I can add a response to create a new current account.	5	High	Sreeharini ER Varshaa KS
Sprint-1	Greeting Message	USN-5	As a user, I can receive welcoming messages from the bot.	2	Low	Varshaa K.S Sreeharini ER
Sprint-2	Creating Loan Account Action	USN-6	As an admin, I can add a response to create a new loan account.	5	High	Sreeharini ER Varshaa KS
Sprint-2	Creating General Query Action	USN-7	As an admin, I can insert responses to general banking queries.	5	High	Srividhya V Abirami Rathina
Sprint-3	Creating Net-Banking Action	USN-8	As an admin, I can insert responses to net-banking queries.	5	High	Sreeharini ER Varshaa KS
Sprint-3	Integrate With Flask Webpage	USN-9	As an admin, I will integrate with the Flask webpage using Python code following the establishment of Assistant.	5	High	Varshaa KS Sreeharini ER
Sprint-3	Bot Preview	USN-10	As an admin, I employ HTML code to design the front-end of the website.	5	High	Abirami Rathina Srividhya V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Bot Preview	USN-11	As a user, I can view the bot preview, and it has a user-friendly UI.	2	High	Varshaa KS Sreeharini ER
Sprint-4	Run The Application	USN-12	An admin can also access the bot at any time.	2	High	Srividhya V Abirami Rathina
Sprint-4	Ask Queries	USN-13	As a user, I can see the bot preview asking for guidance to create a saving bank account.	2	Medium	Srividhya V Abirami Rathina
Sprint-4		USN-14	As a user, I can see the bot preview asking for guidance to create a current bank account.	2	Medium	Varshaa KS Sreeharini ER
Sprint-4		USN-15	As a user, I can type loan-related queries.	2	Medium	Srividhya V Abirami Rathina
Sprint-4		USN-16	As a user, I can type general banking queries.	2	Medium	Srividhya V Abirami Rathina
Sprint-4		USN-17	As a user, I can type net-banking queries.	2	Medium	Varshaa KS Sreeharini ER
Sprint-4	Customer Support	USN-18	As a user, I can receive contact information from customer care executive through the bot.	2	Medium	Abirami Rathina Srividhya V
Sprint-4	Run The Application	USN-19	A user can access the bot at any time.	2	High	Srividhya V Abirami Rathina

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	17	6 Days	24 Oct 2022	29 Oct 2022	17	31 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	18	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

$$AV = \text{Velocity} / \text{Sprint duration}$$

Sprint-1:

$$\text{Velocity} / \text{Sprint duration} = 17 / 6 = 2.8$$

Sprint-2:

$$\text{Velocity} / \text{Sprint duration} = 10 / 6 = 1.6$$

Sprint-3:

$$\text{Velocity} / \text{Sprint duration} = 15 / 6 = 2.5$$

Sprint-4:

$$\text{Velocity} / \text{Sprint duration} = 18 / 6 = 3$$

Sprint	Velocity
Sprint-1	2.8
Sprint-2	1.6
Sprint-3	2.5
Sprint-4	3

Total Average Velocity=2.5

Burndown Chart

