

Project Planning Phase

Project Planning Template (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)

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-4	Bot Preview	USN-1	As a user, I can view the bot preview, and it has a user-friendly UI.	5	High	Megala MS
Sprint-1	Greeting Message	USN-2	As a user, I can receive welcoming messages from the bot.	2	Low	Bhadrinath PS
Sprint-1	Ask Queries	USN-3	As a user, I can see the bot preview asking for guidance to create a current bank account.	1	Medium	Karthiban MJ
Sprint-1		USN-4	As a user, I can see the bot preview asking for guidance to create a saving bank account.	2	Medium	Megala MS
Sprint-2		USN-5	As a user, I can type loan-related queries.	3	Medium	Bhavatharani C
Sprint-3		USN-6	As a user, I can type general banking queries.	3	Medium	Bhadrinath PS
Sprint-3		USN-7	As a user, I can type net-banking queries.	3	Medium	Bhavatharani C

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Customer Support	USN-8	As a user, I can receive contact information from customer care executive through the bot.	3	Medium	Bhavatharani C
Sprint-1	Create IBM Service	USN-9	As an admin, I must create the required IBM service, Watson Assistant.	3	High	Karthiban MJ
Sprint-1	Chatbot Skill Creation	USN-10	As an admin, I can add welcoming messages, customer care executive contact information to the bot.	2	Medium	Bhadrinath PS
Sprint-1	Creating Saving Account Action	USN-11	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-12	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-13	As an admin, I can add a response to create a new loan account.	5	High	Bhavatharani C
Sprint-3	Creating General Query Action	USN-14	As an admin, I can insert responses to general banking queries.	5	High	Bhadrinath PS
Sprint-3	Creating Net-Banking Action	USN-15	As an admin, I can insert responses to net-banking queries.	5	High	Bhavatharani C
Sprint-4	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-4	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	A user and an admin can access the bot at any time.	3	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	20	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	11	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	16	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	18	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

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

Sprint	Velocity
Sprint-1	3.3
Sprint-2	1.8
Sprint-3	2.6
Sprint-4	3.0

$$\text{Total Average Velocity} = 2.67$$