

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

Date	22 October 2022
Team ID	PNT2022TMID40098
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	Building of Assistant	USN-1	Creation of Banking Chatbot or Assistant using IBM Watson Assistant/ As a user, I can see a Banking Assistant.	12	High	Sadain Abdullah N, Earnest Wesley S, Yashika U
Sprint-1		USN-2	Understanding Customer's Banking Related Queries and skills/ As a user, I can see a Chatbot with Banking skills.	8	Moderate	Zaheeb Afnan A, Yashika U, Sadain Abdullah N
Sprint-2	Modelling of Assistant	USN-3	Building action and Adding responses to Account Creation/As a user, I can see a Chatbot which helps to create an account	5	High	Sadain Abdullah N, Zaheeb Afnan A, Yashika U
Sprint-2		USN-4	Building action and Adding responses to Banking related queries/As a user, I can see a Chatbot which helps to solve the banking queries.	5	High	Earnest Wesley S, Sadain Abdullah N, Yashika U
Sprint-2		USN-5	Building action and Adding responses to Net Banking/As a user, I can see a Chatbot which helps to access Net Banking	5	High	Zaheeb Afnan A, Sadain Abdullah N, Yashika U

Sprint-2		USN-6	Building action and Adding responses to Loan Queries/As a user, I can see a Chatbot which helps in Loan related Queries.	5	High	Yashika U, Earnest Wesley S, Sadain Abdullah N
Sprint-3	Testing & Deployment Phase-I	USN-7	Testing the chatbot performance with the trained banking functionalities or conversations/As a user, I can know the chatbots performance level	10	High	Sadain Abdullah N Earnest Wesley S,
Sprint-3		USN-8	Integration of Flask webpage with the chatbotassistant to provide a framework/As a user, I can see a webpage to access the chatbot.	10	High	Zaheeb Afnan A, Yashika U
Sprint-4	Deployment Phase-II & Model Improvement	USN-9	Deployment of AI based chatbot for banking Industry or Running the Chatbot service/As a user, I can see and use a 24*7 banking chatbot.	15	High	Sadain Abdullah N, Zaheeb Afnan A
Sprint-4		USN-10	Improving the model efficiency whenever needed/As a user, I can see new updated chatbot in Future days.	5	Moderate	Yashika U, Earnest Wesley S

**Project Tracker, Velocity & Burndown Chart: (4 Marks):**

Sprint	Total StoryPoints	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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

The team's average velocity (AV) per iteration unit (story points per day)

$$AV = 25/6 = 4.16$$

Burndown Chart:

