

## Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMTD36855
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 Chat bots or Assistant using IBM Watson Assistant/ As a user, I can see a Banking Assistant.	12	High	TL, M1
Sprint-1		USN-2	Understanding Customer's Banking Related Queries and skills/ As a user, I can see a Chat bots with Banking skills.	8	Moderate	M2,M3
Sprint-2	Modeling of Assistant	USN-3	Building action and Adding responses to Account Creation/As a user, I can see a Chat bots which helps to create an account	5	High	TL,M2
Sprint-2		USN-4	Building action and Adding responses to Banking related queries/As a user , I can see a Chat bots which helps to solve the banking queries.	5	High	M1,M3
Sprint-2		USN-5	Building action and Adding responses to Net Banking/As a user, I can see a Chat bots which helps to access Net Banking	5	High	TL,M3
Sprint-2		USN-6	Building action and Adding responses to Loan Queries/As a user, I can see a Chat bots which helps in Loan related Queries.	5	High	M1,M2
Sprint-3	Testing & Deployment Phase-I	USN-7	Testing the chat bots performance with the trained banking functionalities or conversations/As a user, I can know the Chat bots performance level	10	High	M1,M2

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-8	Integration of Flask webpage with the chatbot assistant to provide a framework/As a user, I can see a webpage to access the chatbot.	10	High	Dinesh Kumar B, Balaji K
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	Imran Sherieff M, Balaji K, Dhinesh B, Dinesh Kumar B
Sprint-4		USN-10	Improving the model efficiency whenever needed/As a user, I can see new updated chatbot in Future days.	5	Moderate	Imran Sherieff M, Balaji K, Dhinesh B, Dinesh Kumar B

#### 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	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)

$$AV = 20/6 = 3.34$$

### Burn down 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.

