

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID38577
Project Name	Ai Based Discourse for Banking Industry
Maximum Marks	4 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	Savings Account Related Actions	USN-1	As a user, in the Savings Account option, I can select Types of Savings Account to get details regarding documents required for creating that savings account.	5	High	Harish.B
Sprint-1		USN-2	As a user, I can check the Interest Rates of Savings Account	5	High	Harish.B
Sprint-1		USN-3	As a user, I can check the Minimum Balance of Savings Account	4	Medium	Harish.B
Sprint-1	Current Account Related Actions	USN-4	As a user, I can choose the Type of Company to know the information on documents to be submitted for creating current account	5	High	Britto Oliver.I
Sprint-1		USN-5	As a user, I want to get details on procedure to close my Current Account	5	High	Britto Oliver.I
Sprint-2	Loan Account Related Actions	USN-6	As a user, I can choose the Type of Loans to know the information on choosing an essential loan scheme	5	High	Prajeesh.R
Sprint-2		USN-7	As a user, I can check the Loan Amounts that can be offered for corresponding Loan Accounts chosen	5	High	Prajeesh.R
Sprint-2		USN-8	As a user, I can check the Status of Loan for my Loan Accounts	3	Low	Prajeesh.R
Sprint-3	General Queries Related Actions	USN-9	As a user, I want to get the procedure details for Currency Conversion facility of my bank account	3	Low	Thiruneelakandan.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-10	As a user, I want to check my CIBIL score for my loan application and to ensure whether my loan application is approved by the bank.	4	Medium	Thiruneelakandan.S
Sprint-3		USN-11	As a user, I want to get the procedure details for maintaining Storage Locker facility of my bank account	5	High	Thiruneelakandan.S
Sprint-4	Net Banking Related Actions	USN-12	As a user, I want to get the procedure details for changing the Net Banking password of my bank account	4	Medium	Harish.B
Sprint-4		USN-13	As a user, I can select types of fund transfer to get details regarding different services available in net banking	5	High	Harish.B
Sprint-4		USN-14	As a user, I want to get the procedure details for adding beneficiaries to my net banking account.	3	Low	Harish.B
Sprint-4	Web Application	USN-15	As a user, I want to access the chatbot in a web browser that can be accessed from almost all devices.	4	Medium	Harish.B, Britto Oliver.I, Prajeesh.R, Thiruneelakandan.S
Sprint-4		USN-16	As a user, I want to view pages of the banking website and have access to the chatbot easily.	4	Medium	Harish.B, Britto Oliver.I, Prajeesh.R, Thiruneelakandan.S

### 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	24	6 Days	24 Oct 2022	29 Oct 2022	24	30 Oct 2022
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022	13	06 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	13 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

### Sprint 1:

$$\text{Velocity} = 24 / 6 = 4$$

### Sprint 2:

$$\text{Velocity} = 13 / 6 = 2.16$$

### Sprint 3:

$$\text{Velocity} = 12 / 6 = 2$$

### Sprint 4:

$$\text{Velocity} = 20 / 6 = 3.33$$

**Total Average Velocity = 2.87**

Sprint	Velocity
Sprint -1	4
Sprint -2	2.16
Sprint -3	2
Sprint -4	3.33

Burndown chart:

