

## Project Planning Phase

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

|               |   |
|---------------|---|
| Date          | 10 NOV 2022                             |
| Team ID       | PNT2022TMID06493                        |
| Project Name  | 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-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. | 4            | High     | ADITHYA R            |
| Sprint-1 |                                 | USN-2             | As a user, I can check the Interest Rates of Savings Account   | 4            | High     | ADITHYA R            |
| Sprint-1 |                                 | USN-3             | As a user, I can check the Minimum Balance of Savings Account  | 3            | Medium   | ADITHYA R            |
| 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     | PRATHYUSH KRISHNEN J |
| Sprint-1 |                                 | USN-5             | As a user, I want to get details on procedure to close my Current Account  | 4            | High     | PRATHYUSH KRISHNEN J |
| 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   | 3            | High     | RAMKUMAR K           |
| Sprint-2 |                                 | USN-7             | As a user, I can check the Loan Amounts that can be offered for corresponding Loan Accounts chosen   | 3            | High     | RAMKUMAR K           |
| Sprint-2 |                                 | USN-8             | As a user, I can check the Status of Loan for my Loan Accounts   | 1            | Low      | RAMKUMAR K           |
| Sprint   | Functional Requirement (Epic)   | User Story Number | User Story / Task  | Story Points | Priority | Team Members         |
| Sprint-2 | General Queries Related Actions | USN-9             | As a user, I want to get the procedure details for Currency Conversion facility of my bank account   | 2            | Medium   | PRATHYUSH KRISHNEN J |

|          |                              |        |  |    |        |                                       |
|----------|------------------------------|--------|--|----|--------|---------------------------------------|
| Sprint-2 |                              | 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. | 1  | Low    | ABHISHEK B<br>RAMKUMAR K              |
| Sprint-2 |                              | USN-11 | As a user, I want to get the procedure details for maintaining Storage Locker facility of my bank account                            | 3  | High   | ABHISHEK B<br>RAMKUMAR K              |
| Sprint-2 | 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                              | 3  | High   | ABHISHEK B                            |
| Sprint-2 |                              | USN-13 | As a user, I can select types of fund transfers to get details regarding different services available in net banking                 | 2  | Medium | ABHISHEK B                            |
| Sprint-2 |                              | USN-14 | As a user, I want to get the procedure details for adding beneficiaries to my net banking account.                                   | 2  | Medium | ABHISHEK B                            |
| Sprint-3 | 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.                               | 20 | High   | PRATHYUSH<br>KRISHNEN J<br>RAMKUMAR K |
| Sprint-4 | User Interface and Web Pages | USN-16 | As a user, I want to view pages of the banking website and have access to the chatbot easily.  | 20 | High   | ABHISHEK B<br>ADITHYA R               |

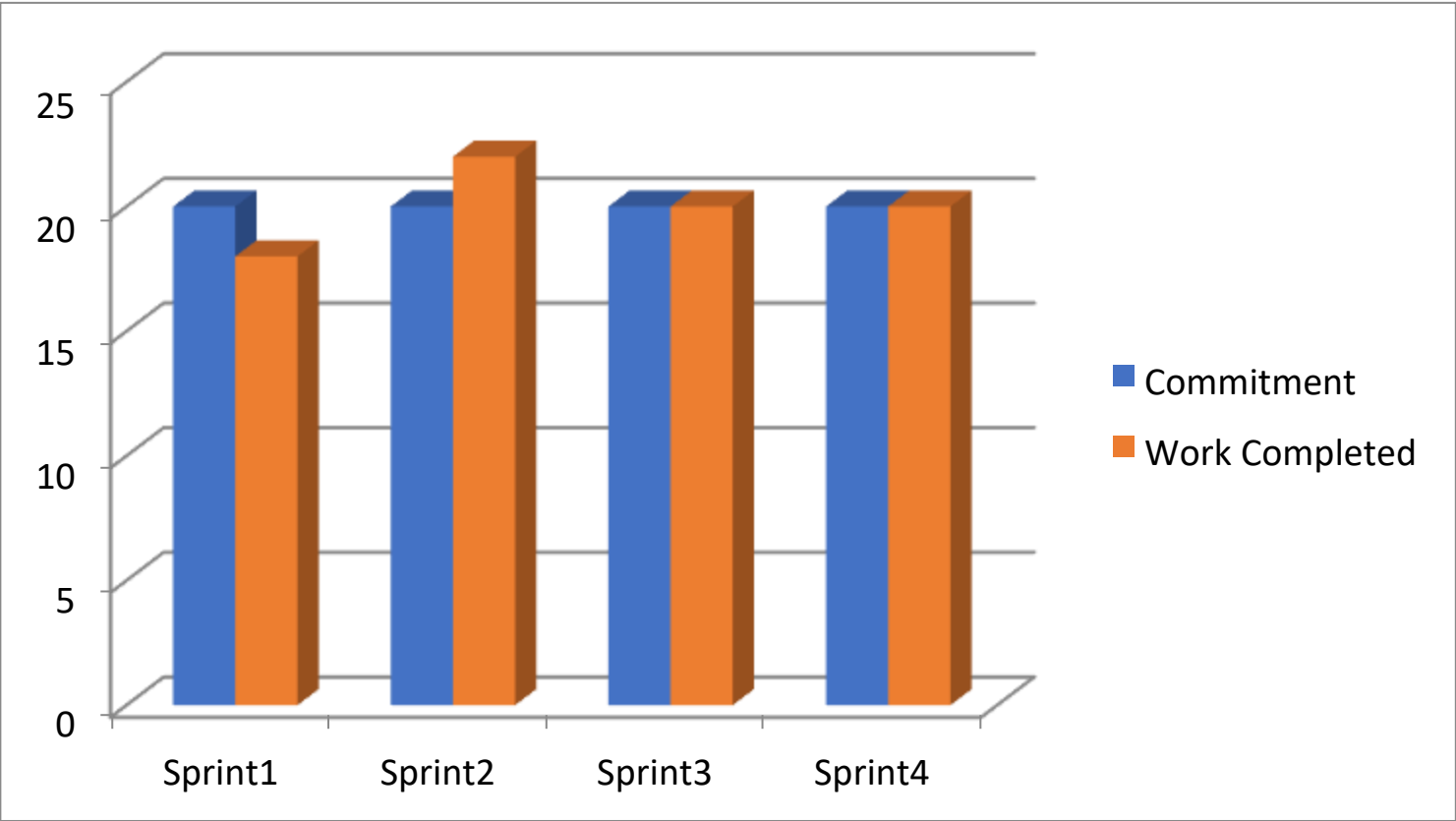
**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| 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               | 18  | 02 Nov 2022                  |
| Sprint-2 | 20                 | 6 Days   | 31 Oct 2022       | 05 Nov 2022               | 22  | 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                  |

| Sprint | Total Story Points | Duration | Average Velocity |
|--------|--------------------|----------|------------------|
|--------|--------------------|----------|------------------|

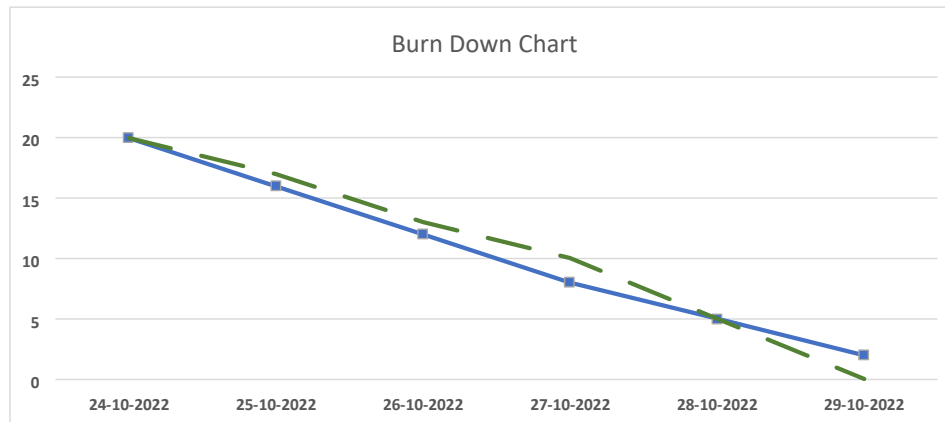
|          |    |         |                |
|----------|----|---------|----------------|
| Sprint-1 | 20 | 6 Days  | $20/6 = 3.33$  |
| Sprint-2 | 20 | 6 Days  | $20/6 = 3.33$  |
| Sprint-3 | 20 | 6 Days  | $20/6 = 3.33$  |
| Sprint-4 | 20 | 6 Days  | $20/6 = 3.33$  |
| Overall  | 80 | 24 Days | $80/24 = 3.33$ |

Velocity Chart:

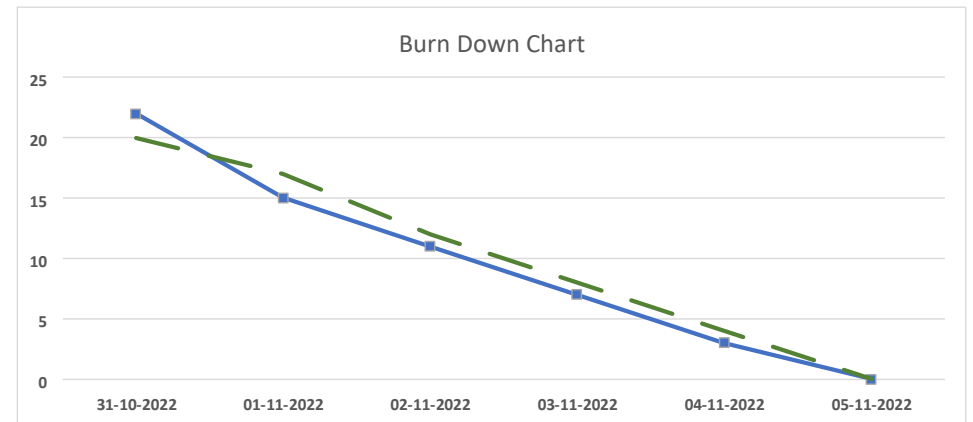


Burndown Chart:

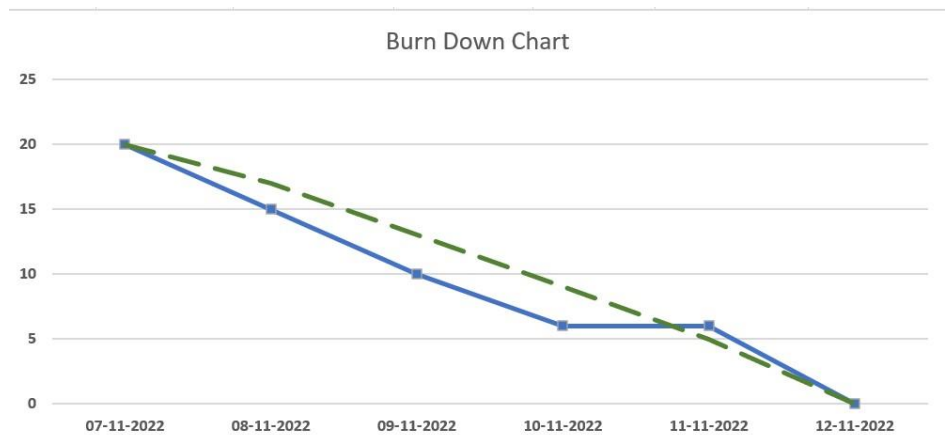




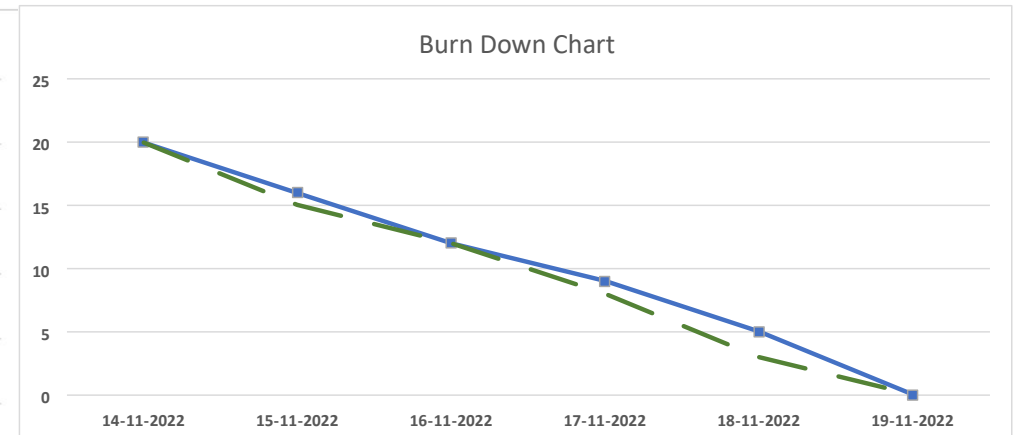
Sprint 1



Sprint 2



Sprint 3



Sprint 4

## Summary of Stand- Up Calls

| Question                     | Person                      | SPRINT-1                                 |  |  |  |  |  |
|------------------------------|-----------------------------|--|--|--|--|--|--|
|                              |                             | 24-10-2022                               | 25-10-2022                                   | 26-10-2022   | 27-10-2022   | 28-10-2022   |  |
| What did you do yesterday?   | <b>Abhishek B</b>           | -  | Creation of IBM Watson Assistant Service     | -  | -  | -  | -  |
|                              | <b>Adithya R</b>            | -  | Creation of IBM Watson Assistant Service     | Created Queries for Types of Savings Account           | Created Queries for Minimum Balance of Savings Account | -  | -  |
|                              | <b>Prathyush Krishnen J</b> | -  | Creation of IBM Watson Assistant Service     | -  | -  | Queries for Type of Company (Half Done)                    | Queries for Type of Company and Closure of Current Account |
|                              | <b>Ramkumar K</b>           | -  | Creation of IBM Watson Assistant Service     | -  | -  | -  | -  |
| What will you work on today? | <b>Abhishek B</b>           | Creation of IBM Watson Assistant Service | -  | -  | -  | -  | -  |
|                              | <b>Adithya R</b>            | Creation of IBM Watson Assistant Service | Created Queries for Types of Savings Account | Created Queries for Minimum Balance of Savings Account | -  | -  | Queries to check Interest Rates of Savings Account         |
|                              | <b>Prathyush Krishnen J</b> | Creation of IBM Watson Assistant Service | -  | -  | Queries for Type of Company                            | Queries for Type of Company and Closure of Current Account | -  |
|                              | <b>Ramkumar K</b>           | Creation of IBM Watson Assistant Service | -  | -  | -  | -  | -  |
| Do you have any obstacles?   | <b>Abhishek B</b>           | -  | -  | -  | -  | -  | -  |
|                              | <b>Adithya R</b>            | -  | -  | -  | -  | -  | -  |

|  |                             |   |   |   |   |                                   |   |
|--|-----------------------------|---|---|---|---|-----------------------------------|---|
|  | <b>Prathyush Krishnen J</b> | - | - | - | - | Time was insufficient to complete | - |
|  | <b>Ramkumar K</b>           | - | - | - | - | -                                 | - |

| Question                     | Person                      | SPRINT-2                                    |   |                     |                     |                | 5-11-2022      |
|------------------------------|-----------------------------|---|---|---------------------|---------------------|----------------|----------------|
|                              |                             | 31-10-2022                                  | 1-11-2022                                   | 2-11-2022           | 3-11-2022           | 4-11-2022      |                |
| What did you do yesterday?   | <b>Abhishek B</b>           | -   | -   | -                   | -                   | CIBIL Score    | Storage Locker |
|                              | <b>Adithya R</b>            | -   | Complete Minimum Balance of Savings Account | -                   | -                   | -              | -              |
|                              | <b>Prathyush Krishnen J</b> | -   | -   | -                   | Currency Conversion | -              | -              |
|                              | <b>Ramkumar K</b>           | -   | -   | Type of Loan        | Status of Loan      | CIBIL Score    | Storage Locker |
| What will you work on today? | <b>Abhishek B</b>           | -   | -   | -                   | CIBIL Score         | Storage Locker | -              |
|                              | <b>Adithya R</b>            | Complete Minimum Balance of Savings Account | -   | -                   | -                   | -              | -              |
|                              | <b>Prathyush Krishnen J</b> | -   | -   | Currency Conversion | -                   | -              | -              |
|                              | <b>Ramkumar K</b>           | -   | Type of Loan                                | Status of Loan      | CIBIL Score         | Storage Locker | Loan Amount    |
| Do you have any obstacles?   | <b>Abhishek B</b>           | -   | -   | -                   | -                   | -              | -              |

|  |                             |   |   |   |   |   |   |
|--|-----------------------------|---|---|---|---|---|---|
|  | <b>Adithya R</b>            | - | - | - | - | - | - |
|  | <b>Prathyush Krishnen J</b> | - | - | - | - | - | - |
|  | <b>Ramkumar K</b>           | - | - | - | - | - | - |

| Question                     | Person                      | SPRINT-3                 |   |   |   |                               | 12-11-2022                    |
|------------------------------|-----------------------------|--------------------------|---|---|---|-------------------------------|-------------------------------|
|                              |                             | 07-11-2022               | 08-11-2022                                  | 09-11-2022                                    | 10-11-2022                                    | 11-11-2022                    |                               |
| What did you do yesterday?   | <b>Abhishek B</b>           | -                        | -   | -   | -   | -                             | -                             |
|                              | <b>Adithya R</b>            | -                        | -   | -   | -   | -                             | -                             |
|                              | <b>Prathyush Krishnen J</b> | -                        | Tutorial Videos on Flask                    | Install Flask and the Relevant Dependencies   | Design a Simple Webpage to host through Flask | -                             | Run and check the application |
|                              | <b>Ramkumar K</b>           | -                        | Tutorial Videos on Flask                    | Install Flask and the Relevant Dependencies   | Design a Simple Webpage to host through Flask | -                             | Run and check the application |
| What will you work on today? | <b>Abhishek B</b>           | -                        | -   | -   | -   | -                             | -                             |
|                              | <b>Adithya R</b>            | -                        | -   | -   | -   | -                             | -                             |
|                              | <b>Prathyush Krishnen J</b> | Tutorial Videos on Flask | Install Flask and the Relevant Dependencies | Design a Simple Webpage to host through Flask | -   | Run and check the application | Take the relevant screenshots |
|                              | <b>Ramkumar K</b>           | Tutorial Videos on Flask | Install Flask and the Relevant Dependencies | Design a Simple Webpage to host through Flask | -   | Run and check the application | Take the relevant screenshots |

|                            |                             |   |   |   |   |   |   |
|----------------------------|-----------------------------|---|---|---|---|---|---|
| Do you have any obstacles? | <b>Abhishek B</b>           | - | - | - | - | - | - |
|                            | <b>Adithya R</b>            | - | - | - | - | - | - |
|                            | <b>Prathyush Krishnen J</b> | - | - | - | - | - | - |
|                            | <b>Ramkumar K</b>           | - | - | - | - | - | - |

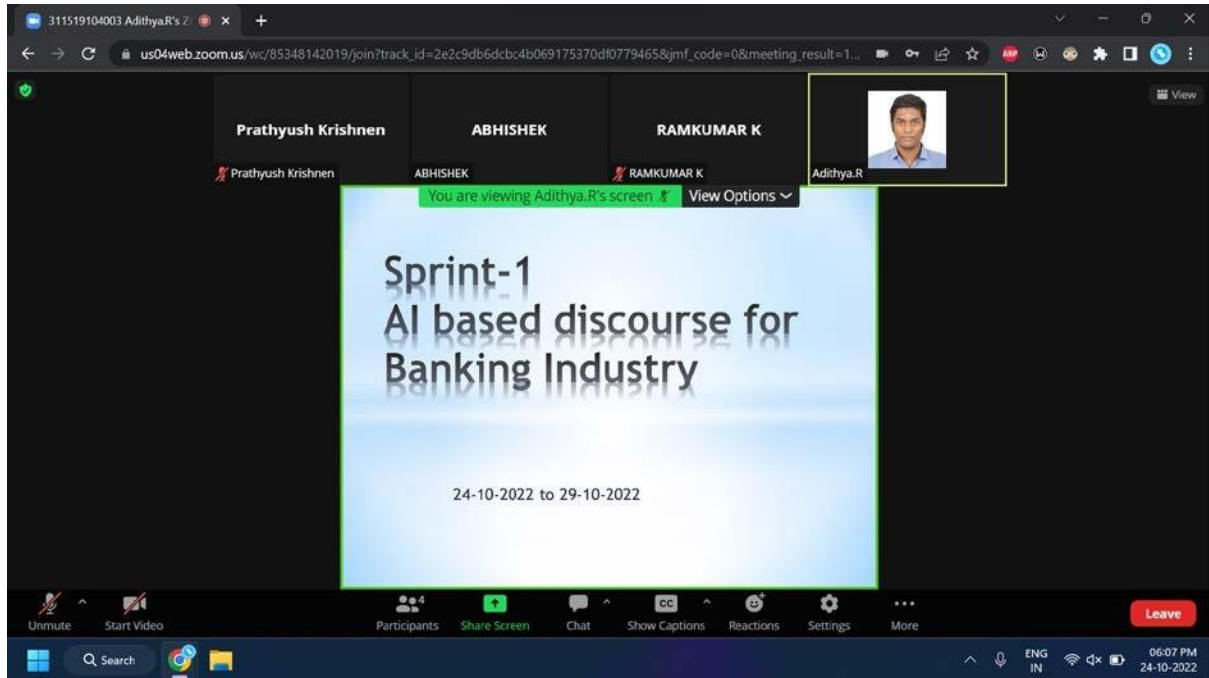
| Question                     | Person                      | SPRINT-4                |                         |                                    |                                    |                                    | 19-11-2022                         |
|------------------------------|-----------------------------|-------------------------|-------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
|                              |                             | 14-11-2022              | 15-11-2022              | 16-11-2022                         | 17-11-2022                         | 18-11-2022                         |                                    |
| What did you do yesterday?   | <b>Abhishek B</b>           | -                       | Integrating the Chatbot | Integrating the Chatbot            | Developing and Designing a Webpage | Developing and Designing a Webpage | Testing and Previewing the Chatbot |
|                              | <b>Adithya R</b>            | -                       | Integrating the Chatbot | Integrating the Chatbot            | Developing and Designing a Webpage | Developing and Designing a Webpage | Testing and Previewing the Chatbot |
|                              | <b>Prathyush Krishnen J</b> | -                       | -                       | -                                  | -                                  | -                                  | -                                  |
|                              | <b>Ramkumar K</b>           | -                       | -                       | -                                  | -                                  | -                                  | -                                  |
| What will you work on today? | <b>Abhishek B</b>           | Integrating the Chatbot | Integrating the Chatbot | Developing and Designing a Webpage | Developing and Designing a Webpage | Testing and Previewing the Chatbot | Testing and Previewing the Chatbot |
|                              | <b>Adithya R</b>            | Integrating the Chatbot | Integrating the Chatbot | Developing and Designing a Webpage | Developing and Designing a Webpage | Testing and Previewing the Chatbot | Testing and Previewing the Chatbot |
|                              | <b>Prathyush Krishnen J</b> | -                       | -                       | -                                  | -                                  | -                                  | -                                  |



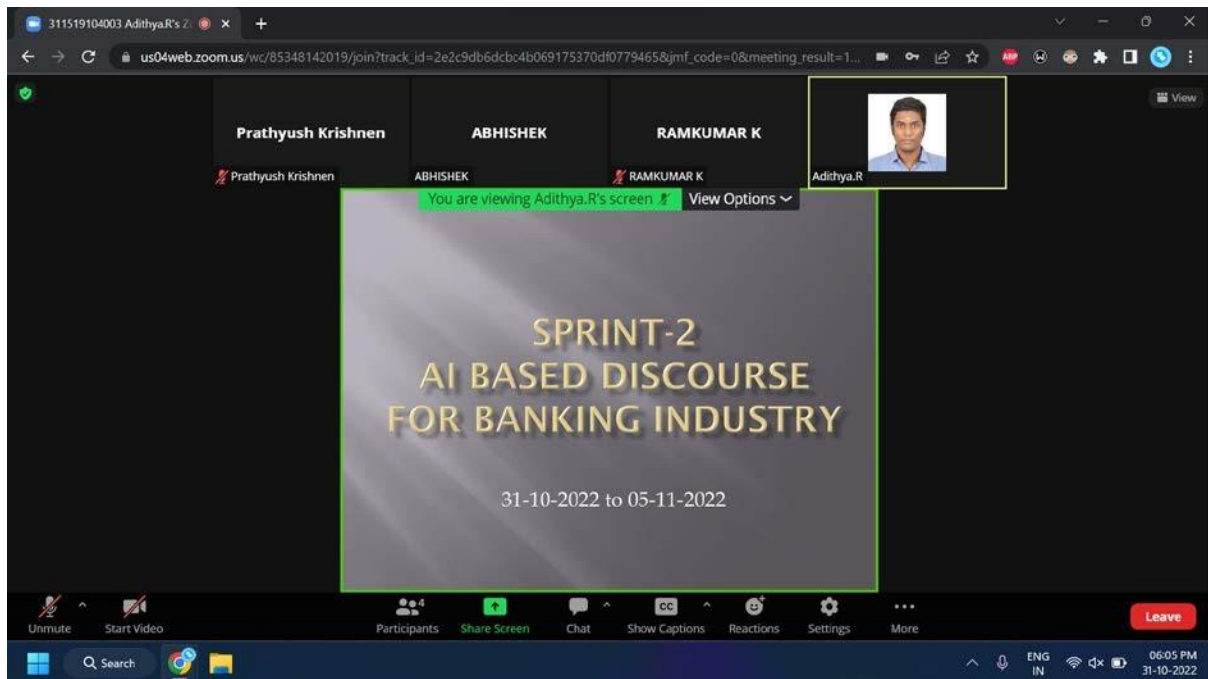
|                            |                             |   |   |   |   |   |   |
|----------------------------|-----------------------------|---|---|---|---|---|---|
|                            | <b>Ramkumar K</b>           | - | - | - | - | - | - |
| Do you have any obstacles? | <b>Abhishek B</b>           | - | - | - | - | - | - |
|                            | <b>Adithya R</b>            | - | - | - | - | - | - |
|                            | <b>Prathyush Krishnen J</b> | - | - | - | - | - | - |
|                            | <b>Ramkumar K</b>           | - | - | - | - | - | - |
|                            |                             |   |   |   |   |   |   |

# Stand-up Meeting Screenshots

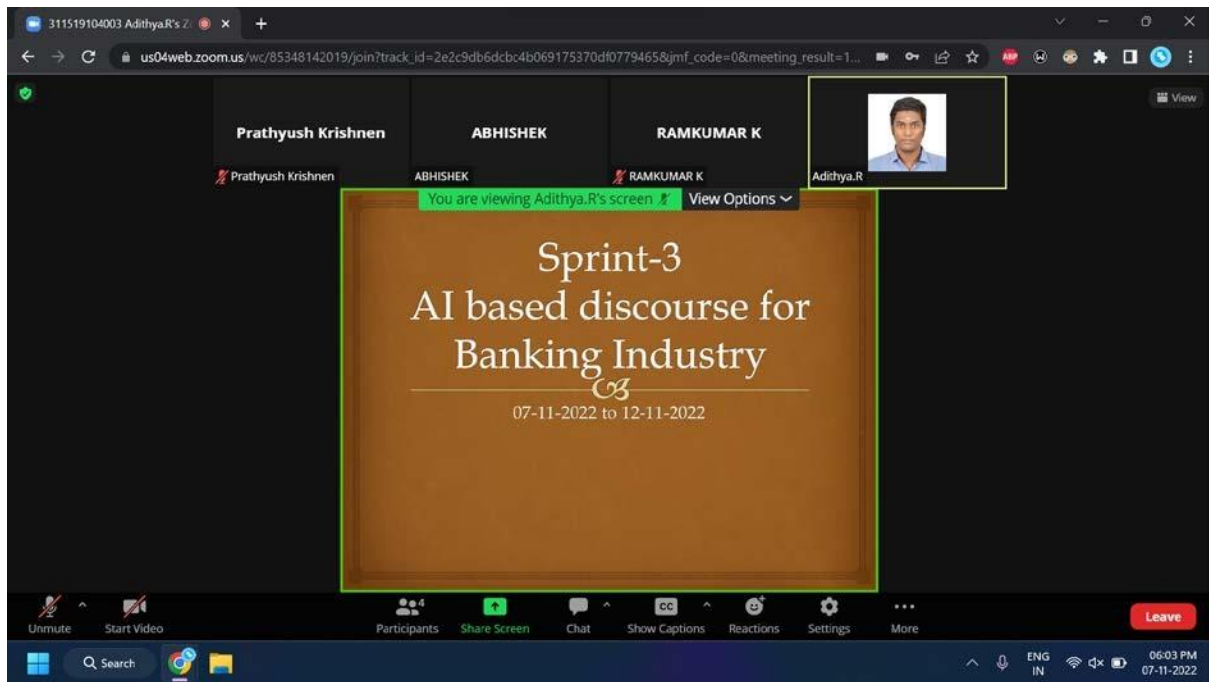
## Sprint 1



## Sprint 2

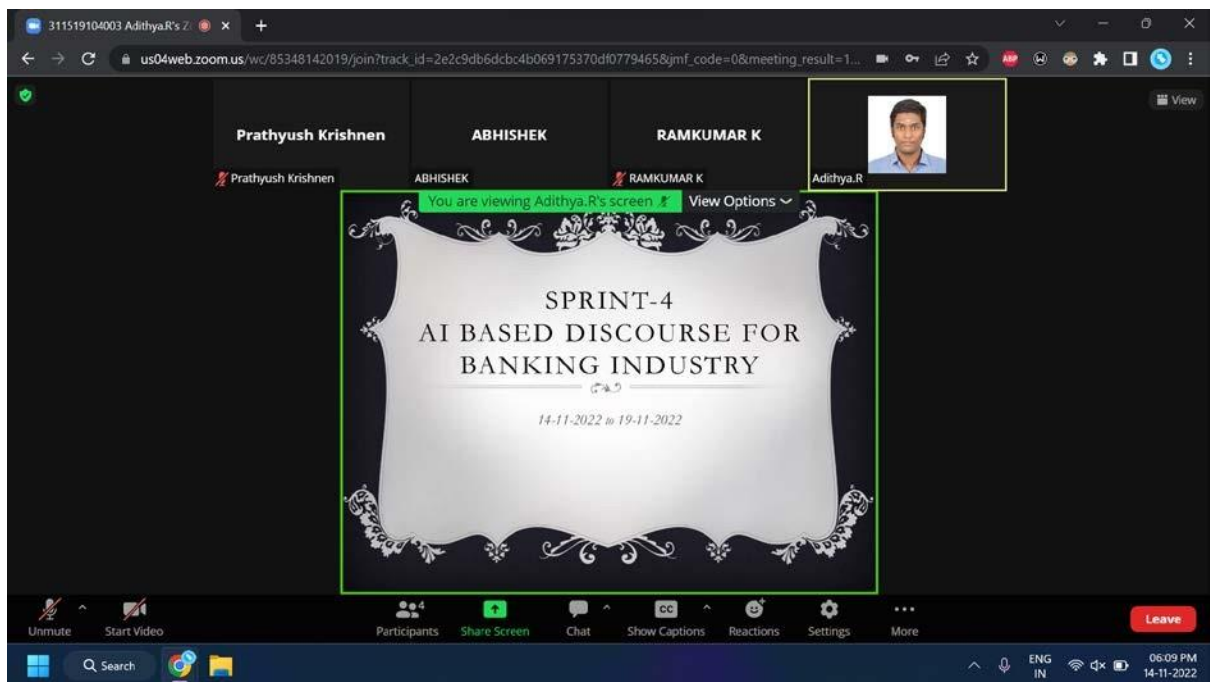


### Sprint 3



A screenshot of a Zoom meeting interface. The top bar shows the meeting ID 311519104003 and the host Adithya.R's profile. The participant list at the top includes Prathyush Krishnen, ABHISHEK, and RAMKUMAR K. The main screen displays a presentation slide with a brown background and white text that reads "Sprint-3 AI based discourse for Banking Industry" and "07-11-2022 to 12-11-2022". A green border highlights the slide content. The bottom toolbar contains icons for Unmute, Start Video, Participants, Share Screen, Chat, Show Captions, Reactions, Settings, and a red Leave button. The system tray at the bottom shows the Windows taskbar with a search bar and icons for Chrome and File Explorer, along with the date and time 06:03 PM 07-11-2022.

### Sprint 4



A screenshot of a Zoom meeting interface, similar to the one above. The top bar shows the meeting ID 311519104003 and the host Adithya.R's profile. The participant list at the top includes Prathyush Krishnen, ABHISHEK, and RAMKUMAR K. The main screen displays a presentation slide with a white background and black text that reads "SPRINT-4 AI BASED DISCOURSE FOR BANKING INDUSTRY" and "14-11-2022 to 19-11-2022". The slide is framed by a decorative black border. A green border highlights the slide content. The bottom toolbar contains icons for Unmute, Start Video, Participants, Share Screen, Chat, Show Captions, Reactions, Settings, and a red Leave button. The system tray at the bottom shows the Windows taskbar with a search bar and icons for Chrome and File Explorer, along with the date and time 06:09 PM 14-11-2022.