**Project Planning Phase**

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

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| --- | --- |
| 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-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:**

**AV = Velocity / Sprint duration**

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

**Total Average Velocity = 2.67**