**Project Planning Phase**

**Sprint Delivery Plan**

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| --- | --- |
| Date | 4 November 2022 |
| Team ID | PNT2022TMID51074 |
| Project Name | AI Based Discourse for Banking Industry |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | Indhumathi  Dharshini |
| 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 | Jeyagomathi  Kaviya |
| 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 | Indhumathi  Dharshini |
| 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 | Jeyagomathi  Kaviya |
| 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 | Indhumathi  Dharshini |

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| 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 | Jeyagomathi  Kaviya |
| 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 | Indhumathi  Dharshini |
| 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 | Jeyagomathi  Kaviya |
| 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 | Indhumathi  Dharshini |
| Sprint-4 |  | USN-10 | Improving the model efficiency whenever needed/As a user, I can see new updated chatbot in Future days. | 5 | Moderate | Jeyagomathi  Kaviya |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 = 3.33***

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time.

