**Project Planning Phase**

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

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| Date | 13 November 2022 |
| Team ID | PNT2022TMID45183 |
| 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 | Create Assistant | USN-1 | Creation of Banking Chatbot or Assistant using IBM Watson Assistant/ As a user, I can see a Banking Assistant. | 12 | High | pragadeeswaran, karthikraja |
| 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 | Ramya, Boomika |
| Sprint-2 | Feed Responses to the 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 | Karthikraja, Ramya |
| 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 | Boomika, Pragadeeswaran |
| 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 | Pragadeeswaran, Ramya |
| 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 | Boomika, karthikraja |
| 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 | Pragadeeswaran,  Boomika |

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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 | 1 Days | 02 Nov 2022 | 03 Nov 2022 | 20 | 03 Nov 2022 |
| Sprint-2 | 20 | 3 Days | 05 Nov 2022 | 07 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 2 Days | 07 Nov 2022 | 09 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-4 | 20 | 3 Days | 09 Nov 2022 | 13 Nov 2022 | 20 | 09 Nov 2022 |

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| **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 | Karthikraja,  Ramya |
| Sprint-4 | Deployment Phase-II | 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 | Boomika,Ramya |
| Sprint-4 |  | USN-10 | Improving the model efficiency whenever needed/As a user, I can see new updated chatbot in Future days. | 5 | Moderate | Karthikraja,  Pragadeeswaran |

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

The team’s average velocity (AV) per iteration unit (story points per day) *AV = 20/3 = 6.67*

