**Project Planning Phase**

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

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| --- | --- |
| **Date** | 31 October 2022 |
| **Team Members** | Nithiga, Abinaya, Nithiyakalyani , Vanathi |
| **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 IBM Service | USN-1 | As a user, I can see a Watson Assistant. | 1 | High | Nithiga,Vanathi |
| Sprint-1 | Chatbot Skills Creation | USN-2 | As a user, I will see the Chatbot having banking-related skills. | 1 | High | Abinaya , nithiyakalyani |
| Sprint-2 | Creating Saving Account Action | USN-3 | As a user, I can converse with the chatbot regarding saving account-related queries. | 2 | Medium | Vanathi, Abinaya |
| Sprint-2 | Creating Current Account Action | USN-4 | As a user, I can converse with the chatbot regarding current account-related queries. | 2 | Medium | Nithiga, Nithiyakalayani |
| Sprint-3 | Creating Loan Account Action | USN-5 | As a user, I can converse with the chatbot regarding loan account-related queries. | 2 | High | Abinaya, Nithiga |

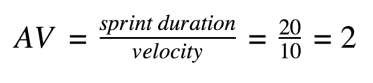
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| **Sprint** | **Functional Requirement (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 | Creating General Query Action | USN-6 | As a user, I can converse with the chatbot regarding general queries. | 2 | Medium | Vanathi , Nithiyakalyani |
| Sprint-3 | Creating Net Banking Action | USN-7 | As a user, I can converse with the chatbot regarding net banking-related queries. | 2 | High | Abinaya , Vanathi |
| Sprint-4 | Creating Assistant & Integrate  With Flask Web Page (Build Python Code) | USN-8 | As a user, I can see a flask web page for bank. | 1 | Low | Nithiga , Nithiyakalyani |
| Sprint-4 | Build HTML Code | USN-9 | As a user, I can web pages integrated with a chatbot. | 1 | Medium | Abinaya , Nithiyakalyani |
| Sprint-4 | Run The Application | USN-10 | As a user, I can communicate with the chatbot 24\*7. | 1 | Low | Nithiga , Vanathi |

# 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 | 26 Oct 2022 | 27 Oct 2022 | 20 | 26 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 27 Oct 2022 | 05 Nov 2022 | 20 | 29 Oct 2022 |
| Sprint-3 | 20 | 6 Days | 29 Nov 2022 | 12 Nov 2022 | 20 | 01 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 02 Nov 2022 | 19 Nov 2022 | 20 | 04 Nov 2022 |
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**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=20/2=10

**AV=10**

**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.

