# Project Planning Phase

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

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| --- | --- |
| **Date** | 18 October 2022 |
| **Team ID** | PNT2022TMID33764 |
| **Project Name** | AI-based discourse for Banking Industry |
| Maximum Marks | 8 Marks |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| **Story** |
| **Number** |
| Sprint-1 | Create IBM Service | USN-1 | As a user, I can see a Watson Assistant. | 1 | High | Dharani A |
| Deepika B  Abarna S  Dhanalakshmi V |
| Sprint-1 | Chatbot Skills Creation | USN-2 | As a user, I will see the Chatbot having banking-related skills. | 1 | High | Dharani A |
| Deepika B Abarna S  Dhanalakshmi V |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Creating Saving Account Action | USN-3 | As a user, I can converse with the chatbot regarding saving account-related queries. | 2 | Medium | Dharani A |
| Deepika B  Abarna S Dhanalakshmi V |
| Sprint-2 | Creating Current Account Action | USN-4 | As a user, I can converse with the chatbot regarding current account-related queries. | 2 | Medium | Dharani A |
| Deepika B  Abarna S  Dhanalakshmi V |
| Sprint-3 | Creating Loan Account Action | USN-5 | As a user, I can converse with the chatbot regarding loan account-related queries. | 2 | High | Dharani A |
| Deepika B  Abarna S Dhanalakshmi V |

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

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story** | **Duration** | **Sprint Start Date** | | **Sprint End Date** | | **Story Points** | **Sprint Release Date** | |
| **Points** |  | **(Planned)** | **Completed (as on** |  | **(Actual)** |
|  |  |  | **Planned End Date)** |  |  |
| Sprint-1 | 20 | 6 Days | 24 | Oct 2022 | 29 | 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 |

**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.



