

Project Planning Phase

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

| | |
|---------------|---|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID38674 |
| Project Name | 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-1 | Create IBM Services | USN-1 | User can enable a service to Create IBM Service | 5 | Highest | Thiyagarajan V |
| Sprint-1 | Chatbot knowledge creation | USN-2 | User can be add a chatbot skill | 5 | High | Deenadhayalan V |
| Sprint-1 | Creating Savings account action | USN-3 | User can be add for savings account action | 5 | High | Logesh R |
| Sprint-1 | Creating Current account action | USN-4 | User can be add for current account action | 5 | High | Hariharan M |
| Sprint-2 | Creating Loan account action | USN-5 | User can be add for general query action | 7 | Low | Thiyagarajan V |
| Sprint-2 | Creating a general query action | USN-6 | User can be add for loan account action | 7 | Medium | Deenadhayalan V |
| Sprint-2 | Creating a Net banking action | USN-7 | User can be add for net banking action | 6 | Medium | Logesh R |
| Sprint-3 | Interactive web page create | USN-8 | User can be looking interactive web page create | 20 | High | Hariharan M |
| Sprint-4 | Chatbot integrate on website using flask | USN-9 | User can be Chatbot include on website | 20 | High | Thiyagarajan V |

| 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 | 5 Days | 01 Nov 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-2 | 20 | 5 Days | 06 Nov 2022 | 10 Nov 2022 | 20 | 10 Nov 2022 |
| Sprint-3 | 20 | 5 Days | 11 Nov 2022 | 15 Nov 2022 | 20 | 15 Nov 2022 |
| Sprint-4 | 20 | 5 Days | 16 Nov 2022 | 19 Nov 2022 | 20 | 19 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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$