

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

Date	14 Nov 2022
Team ID	PNT2022TMID46516
Project Name	Project – SKILL AND JOB RECOMMENDER APPLICATION
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 Watson Assistant Service	USN-1	As a user, I can see a Watson Assistant.	8	High	All Member
Sprint-1	Chatbot Skills Creation	USN-2	As a user, I will see the Chatbot having banking-related skills	7	Medium	All Member
Sprint-1	Creating Saving Account Action	USN-3	As a user, I can converse with the chatbot regarding saving account-related queries and Action.	5	High	All Member
Sprint-2	Creating Current Account Action	USN-4	As a user, I can converse with the chatbot regarding current account-related queries and Action.	8	Medium	All Member
Sprint-2	Creating Loan Account Action	USN-5	As a user, I can converse with the chatbot regarding loan account-related queries and Action.	12	High	All Member

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 and Action.	9	High	All Member
Sprint-3	Creating Net Banking Action	USN-7	As a user, I can converse with the chatbot regarding net banking-related queries and Action.	6	Medium	All Member
Sprint-3	Creating Assistant & Integrate With Flask Web Page Build Python Code	USN-8	As a user, I can see a flask web page for banking chatbot.	5	High	All Member
Sprint-4	Creating Assistant & Integrate With Flask Web Page Build Python Code	USN-9	As a user, I can web pages integrated with a chatbot.	5	High	All Member
Sprint-4	Run The Application	USN-10	As a user, I can communicate with the chatbot 24*7 and easy to access.	15	Medium	All Member

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date(Planned)	Story Points Completed (as onPlanned 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	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 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)

$$AV = \text{Velocity} / \text{Sprint duration}$$

$$AV = 20/6$$

$$AV = 3.34$$

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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

