

Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	31 October 2022
Team ID	PNT2022TMID04164
Project Name	Project – AI Based Discourse For Banking Industry
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Bank website	USN-1	The customer logs inside the website, and can use the chatbot option given at the bottom right.	20	High	Rakesh Kumar M, Srimukund K G G, Hariharan M, Kailash A L
Sprint-2	Chatbot	USN-2	The bank customers can ask their queries to the chatbot by typing their questions. The chatbot will analyse the query and provide a relevant answer.	20	High	Rakesh Kumar M, Srimukund K G G, Hariharan M, Kailash A L
Sprint-3	Admin Panel	USN-3	The role of the admin of the chatbot is to update the bot's database to rectify the wrong replies, and also to add new replies for new frequently asked queries. Having an admin panel is important.	20	High	Rakesh Kumar M, Srimukund K G G, Hariharan M, Kailash A L

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Final delivery	USN-4	The created chatbot using IBM Watson Assistant is linked in the bank website and is published and deployed. Creation of final documentation and submission of the project.	20	High	Rakesh Kumar M, Srimukund K G G, Hariharan M, Kailash A L

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

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	4 Days	19 Oct 2022	22 Oct 2022	20	22 Oct 2022
Sprint-2	20	4 Days	23 Oct 2022	26 Oct 2022	20	26 Oct 2022
Sprint-3	20	4 Days	27 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-4	20	4 Days	31 Oct 2022	03 Nov 2022	20	03 Nov 2022

Velocity:

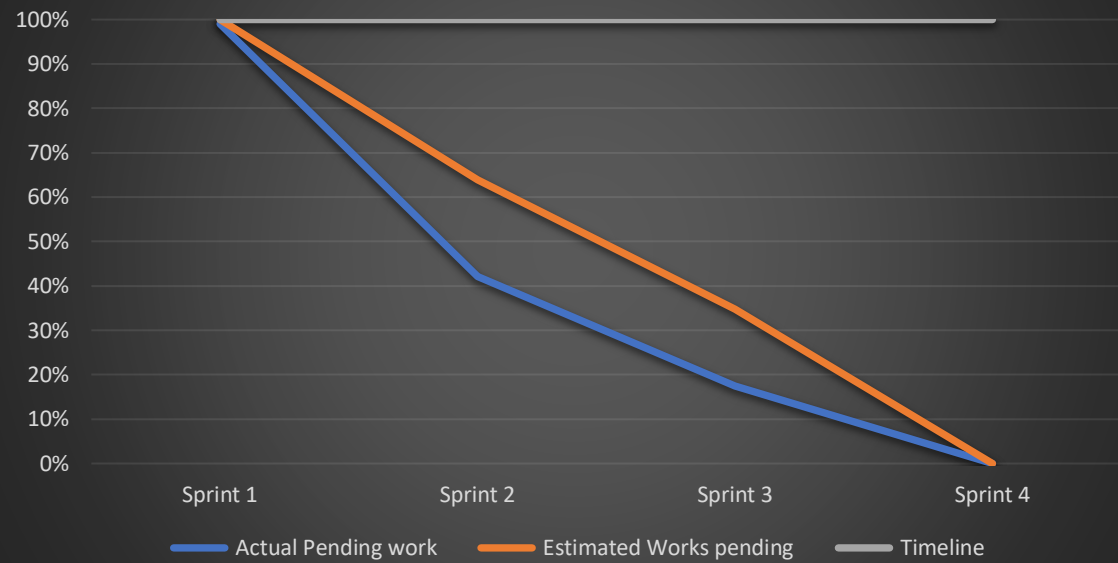
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{20}{4} = 5$$

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.

Burndown Chart



Sprint Delivery Plan:

[illegible]