Project Planning Phase

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

Date	30 October 2022
Team ID	PNT2022TMID38899
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 Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Creation of banking Chatbot	USN-1	Creation of Banking Chatbot using IBM Watson Assistant/ As a user, I can see a Banking Assistant.	12	High	Gowtham Keerthivasan Umar Farook Vijay
Sprint-1		USN-2	As a user, I will see the Chatbot having banking related options	4	Moderate	Keerthivasan Umar Farook Vijay
Sprint-1	Options creation	USN-3	As a user, I can add new action options to resolve customer queries	4	Moderate	Gowtham Umar Farook Vijay
Sprint-2	Designing of Assistant	USN-4	As a user, I can see a Chatbot which helps to create an account.	10	High	Keerthivasan Umar Farook
Sprint-2		USN-5	As a user, I can discourse with the chatbot regarding saving account-related queries.	5	High	Keerthivasan Vijay

Sprint	Functional Requirement	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Loan Account	USN-6	As a user, I can see a Chatbot which helps in Loan related Queries.	5	High	Gowtham Umar Farook
Sprint-3	Queries Action	USN-7	As a user, I can converse with the chatbot about general queries.	10	High	Keerthivasan Umar Farook Vijay
Sprint-3		USN-8	As a user, I can converse with the chatbot about Net banking queries.	5	Moderate	Gowtham Keerthivasan Vijay
Sprint-3	Testing	USN-9	As a user, I can know the chatbots performance level.	5	High	Gowtham Umar Farook Vijay
Sprint-4	Web Application	USN-10	As a user, I want to access the chatbot in a web browser.	10	High	Gowtham Umar Farook
Sprint-4		USN-11	As a user, I want to access chatbot easily in the banking website.	5	Moderate	Gowtham Keerthivasan Vijay
Sprint-4		USN-12	As a user, I can see and use a 24*7 banking chatbot.	5	Moderate	Gowtham Keerthivasan Umar Farook

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

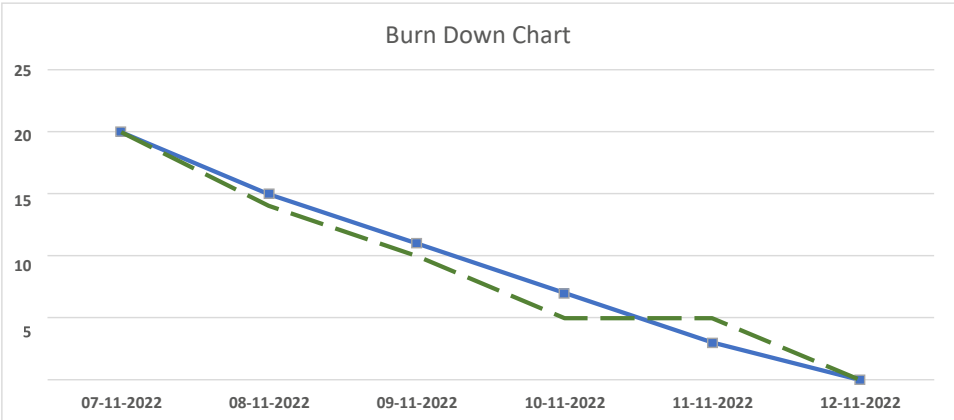The team's average velocity (AV) per iteration unit (story points per day)

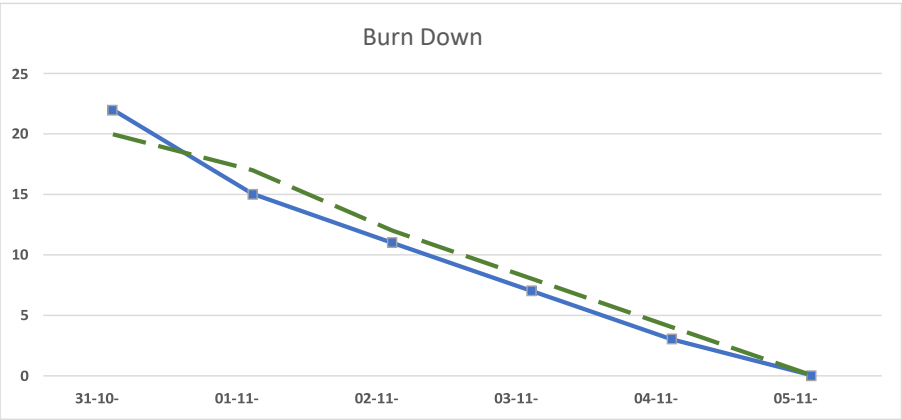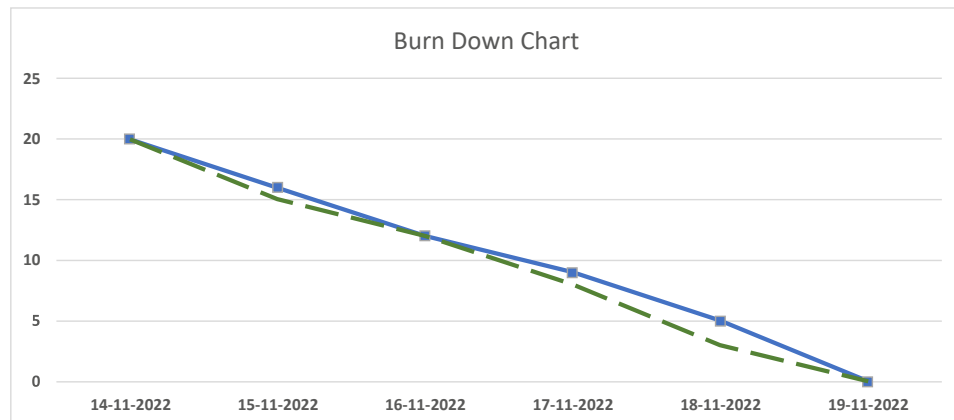$$AV = 25/6 = 4.16$$

Burndown Chart:
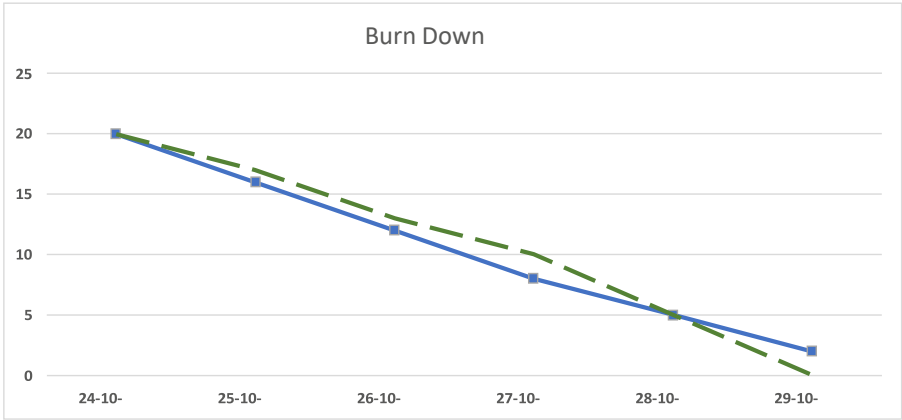
Sprint-1

Sprint-3

Sprint-2

Sprint-4