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

Date	18 October 2022
Team ID	PNT2022TMID36931
Project Name	Project – A Novel Method for Handwritten Digitrecognition
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	Dashboard	USN-1	As a user, they can see the information regarding the prediction of handwritten digit recognition.	2	High	Kokil S, Siva H, Sudharsanam Y, Harshath E M
Sprint-1	Launch	USN-2	On clicking the launch button, it will redirect the user to page where the images to be predicted can be uploaded.	2	High	Kokil S, Siva H, Sudharsanam Y, Harshath E M
Sprint-2	Upload	USN-3	User can select the image from the local storage	2	High	Kokil S, Siva H, Sudharsanam Y, Harshath E M
Sprint-3	Predict	USN-4	Once the image is uploaded, it will predict the respective images	2	High	Kokil S, Siva H, Sudharsanam Y, Harshath E M

Project Tracker, Velocity & Burndown Chart: (4 Marks)
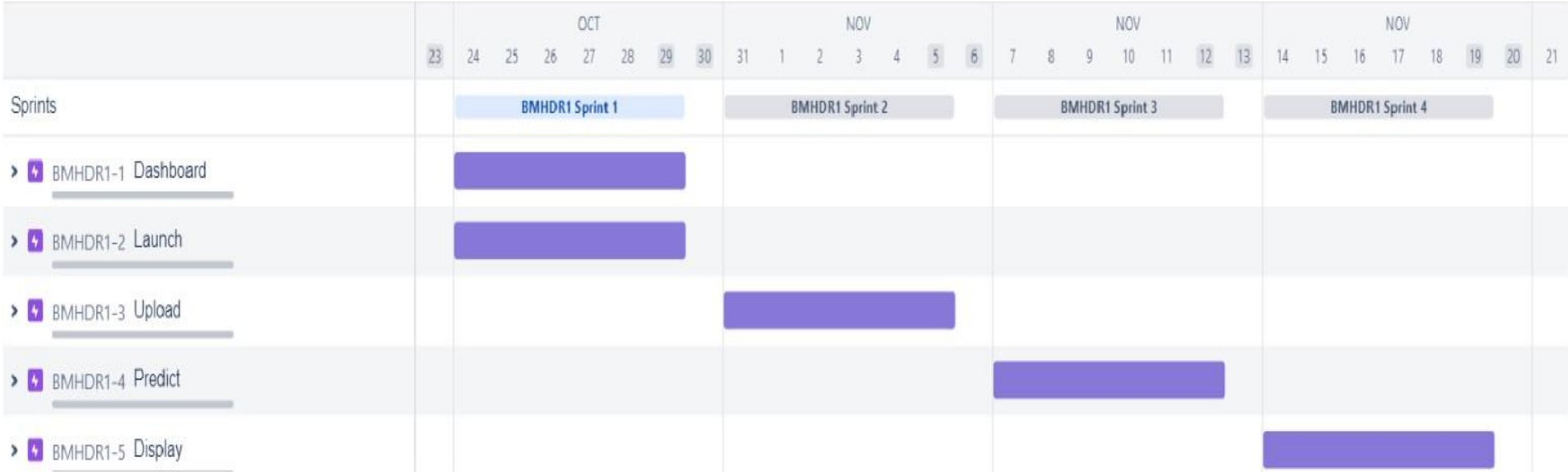
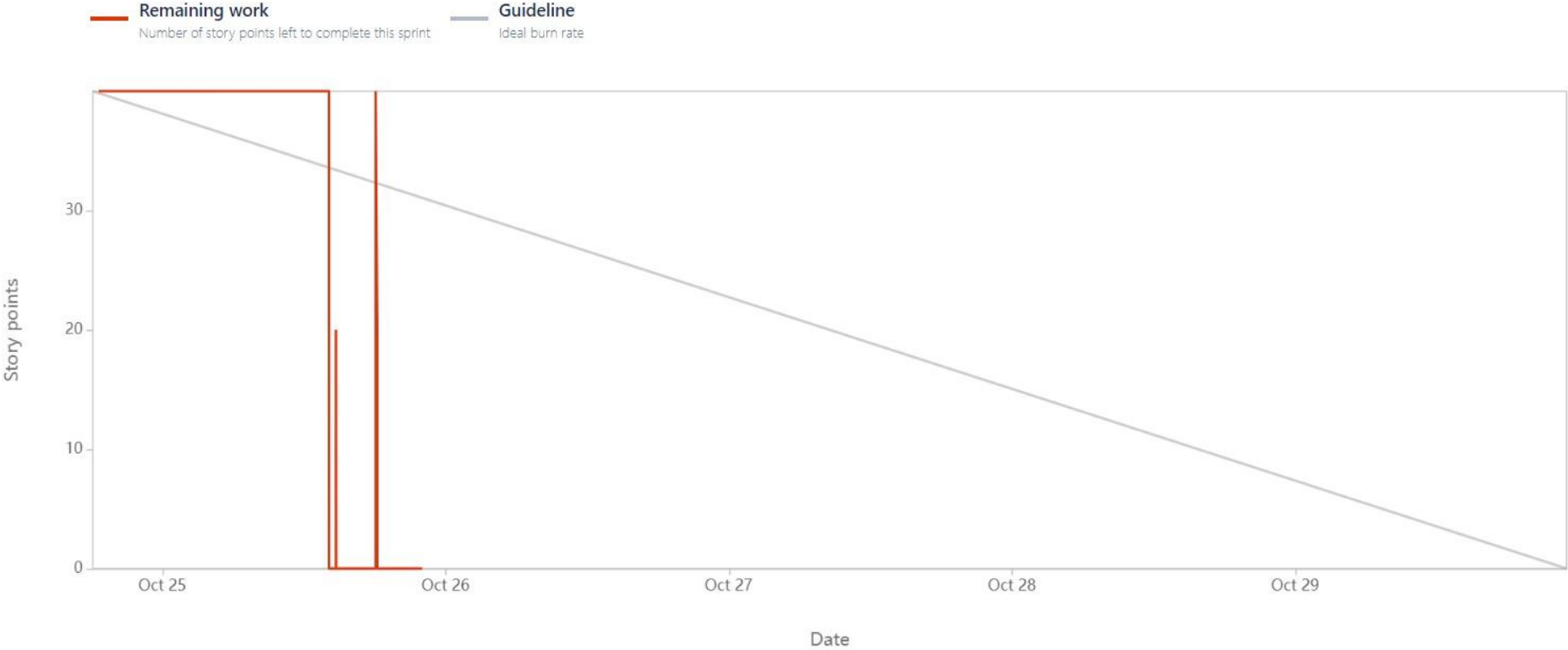| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:
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)

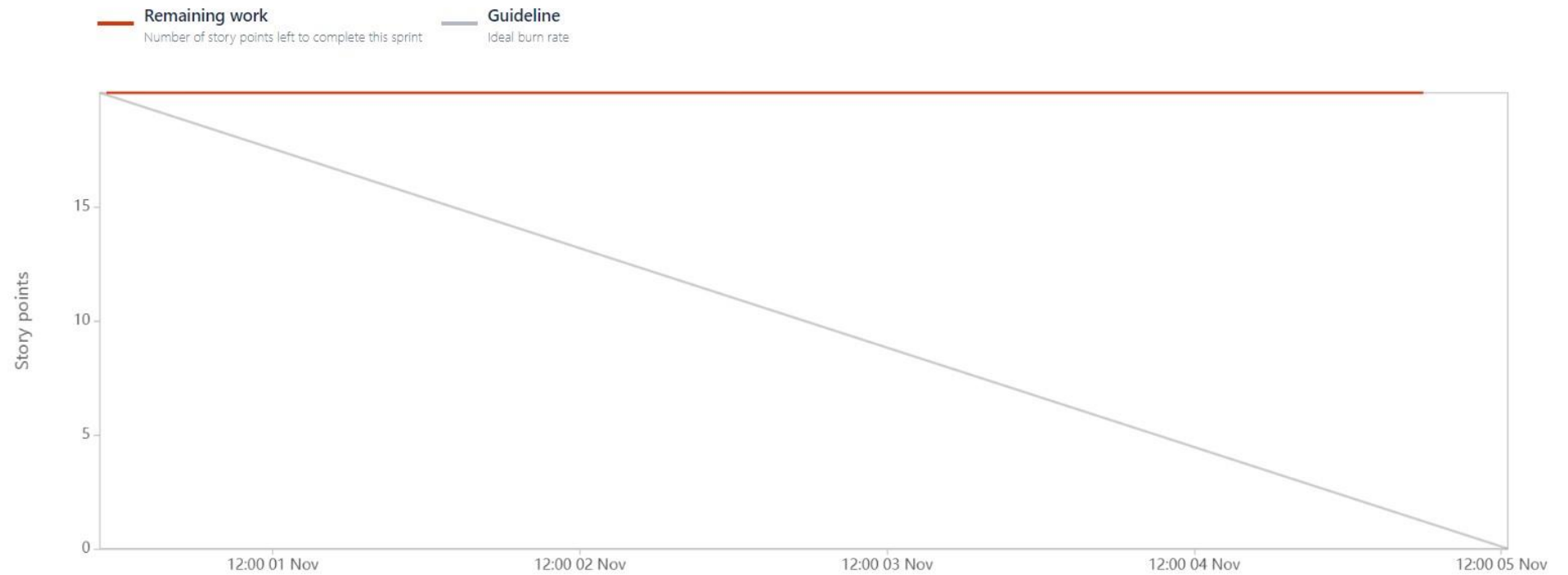$$AV = \frac{Sprint\ Duration}{Velocity} = \frac{20}{6} = 3.33$$

Burndown Chart:

Date - October 24th, 2022 - October 29th, 2022

Date - October 31st, 2022 - November 5th, 2022

Date - November 7th, 2022 - November 13th, 2022