

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID37553
Project Name	ANALYTICS FOR HOSPITALS' HEALTHCARE DATA
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	Analyze	USN-1	As an admin, I will analyze the given dataset (Data preprocessing)	8	High	USMAN MATHEEN H
Sprint-2	Predict	USN-2	As an admin, I will predict the length of stay (Prediction)	8	High	MITHULADHITHYA S S
Sprint-3	Visualization	USN-3	As a user, I can select the visualization type (Creating visualization)	5	Medium	KARTHIKEYAN P
Sprint-4	Dashboard	USN-4	As a user, I can upload the datasets to the dashboard and view visualizations (Creating dashboard)	5	Medium	VISHWA P

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	8	7 Days	22 Oct 2022	28Oct 2022	28 OCT 2022	28 OCT 2022
Sprint-2	8	8 Days	29 Oct 2022	05 Nov 2022	05 NOV 2022	05 NOV 2022
Sprint-3	5	3 Days	06 Nov 2022	08 Nov 2022	08 NOV 2022	08 NOV 2022
Sprint-4	5	4 Days	09 Nov 2022	12 Nov 2022	12 NOV 2022	12 NOV 2022

Velocity:

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

Average velocity for sprint - 1:

$$AV = 8/7 = 1.14$$

Average velocity for sprint - 2:

$$AV = 8/8 = 1$$

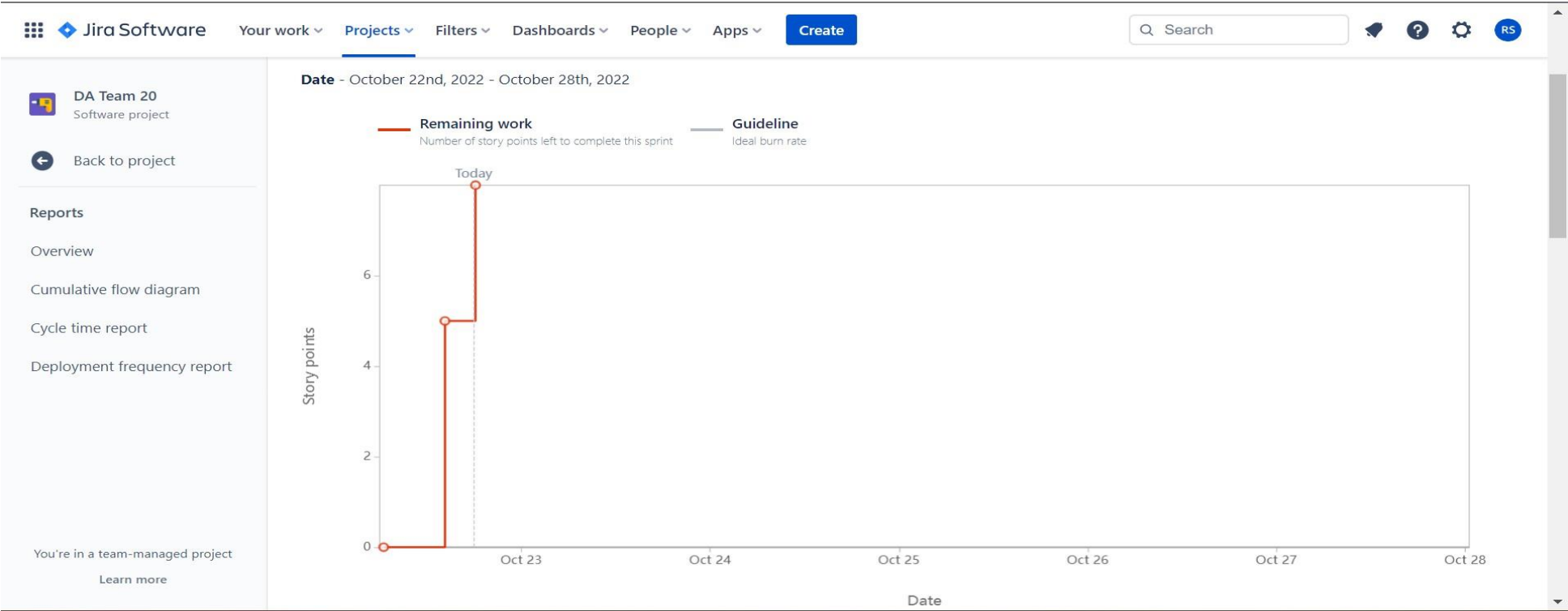
Average velocity for sprint - 3:

$$AV = 5/3 = 1.67$$

Average velocity for sprint - 4:

$$AV = 5/4 = 1.25$$

Burndown Chart:



[illegible]