Project Planning Phase

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

Date	18October 2022
Team ID	PNT2022TMID20910
Project Name	Analytics for Hospital's Health-care data
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	Analyse	USN-1	As a manager, I will evaluate the available dataset(Data Pre-processing)	8	High	Srilatha S
Sprint-2	Predict	USN-2	As an administrator,, I will forecast the duration of the stay.	8	High	Devi Bala J
Sprint-3	visualization	USN-3	As a creator of the visualization, I can choose the visualization type as a user.	5	Medium	Harshavardhini.D
Sprint-4	Dashboard	USN-4	As a user, I can access the dashboard and add datasets as well as view visualisations.	5	Medium	Mahalakshmi 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	8	7 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	8	8 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	5	3 Days	07 Nov 2022	12 Nov 2022		

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-4	5	4 Days	14 Nov 2022	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)

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

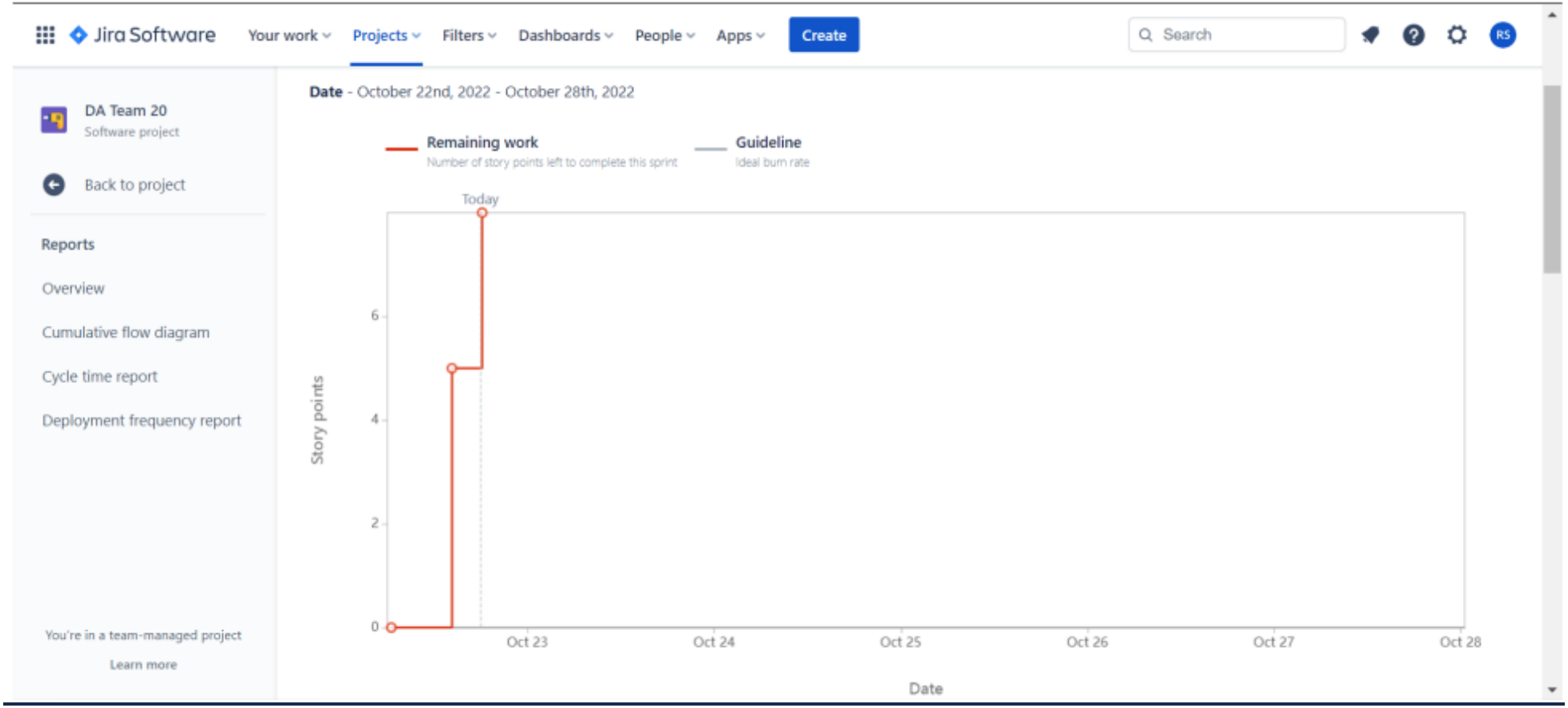
Average velocity for sprint-1: AV = 8/7 = 1.14

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:


Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
RS
DA Team 20
Software project
Back to project
Reports
Overview
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
Date - October 22nd, 2022 - October 28th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Today
Story points
0
2
4
6
Oct 23
Oct 24
Oct 25
Oct 26
Oct 27
Oct 28
Date