Project Planning Phase

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

Team ID	PNT2022TMID13283
Project Name	INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
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	Hardware or Simulation Software	USN-1	Making Hardware device or Using Worwi. Connect Temperature,Flame,Gas sensor to Arduino with python script	2	High	Shalini,Priyanka,Roshna,vasundhradevi
Sprint-2	Cloud Software	USN-2	Create Device in the IBM Watson IOT Platform and link it to Noad-red	2	High	Shalini,Priyanka,Roshna,vasundhradevi
Sprint-3	MIT app invertor or Website	USN-3	Develop a Mobile application using MIT app invertor or Web UI	2	High	Shalini,Priyanka,Roshna, vasundhradevi
Sprint-4	linking	USN-4	Link Device, IBM cloud and the developed appllication	2	High	Shalini,Priyanka,Roshna,vasundhradevi
Sprint-4	Dashboard	USN-5	Design the Modules and Test the mobile application	2	High	Shalini, Priyanka, Roshna, vasundhradevi

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

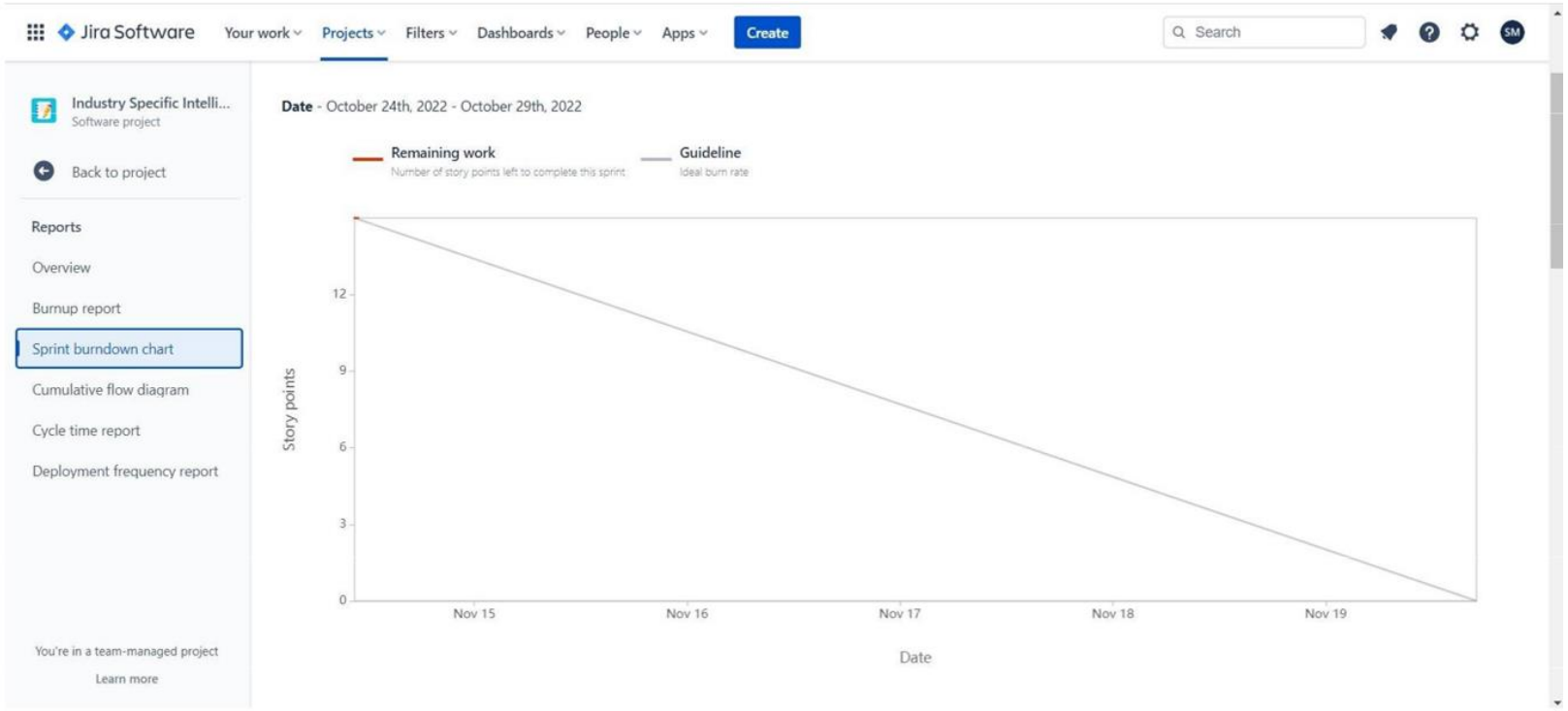
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

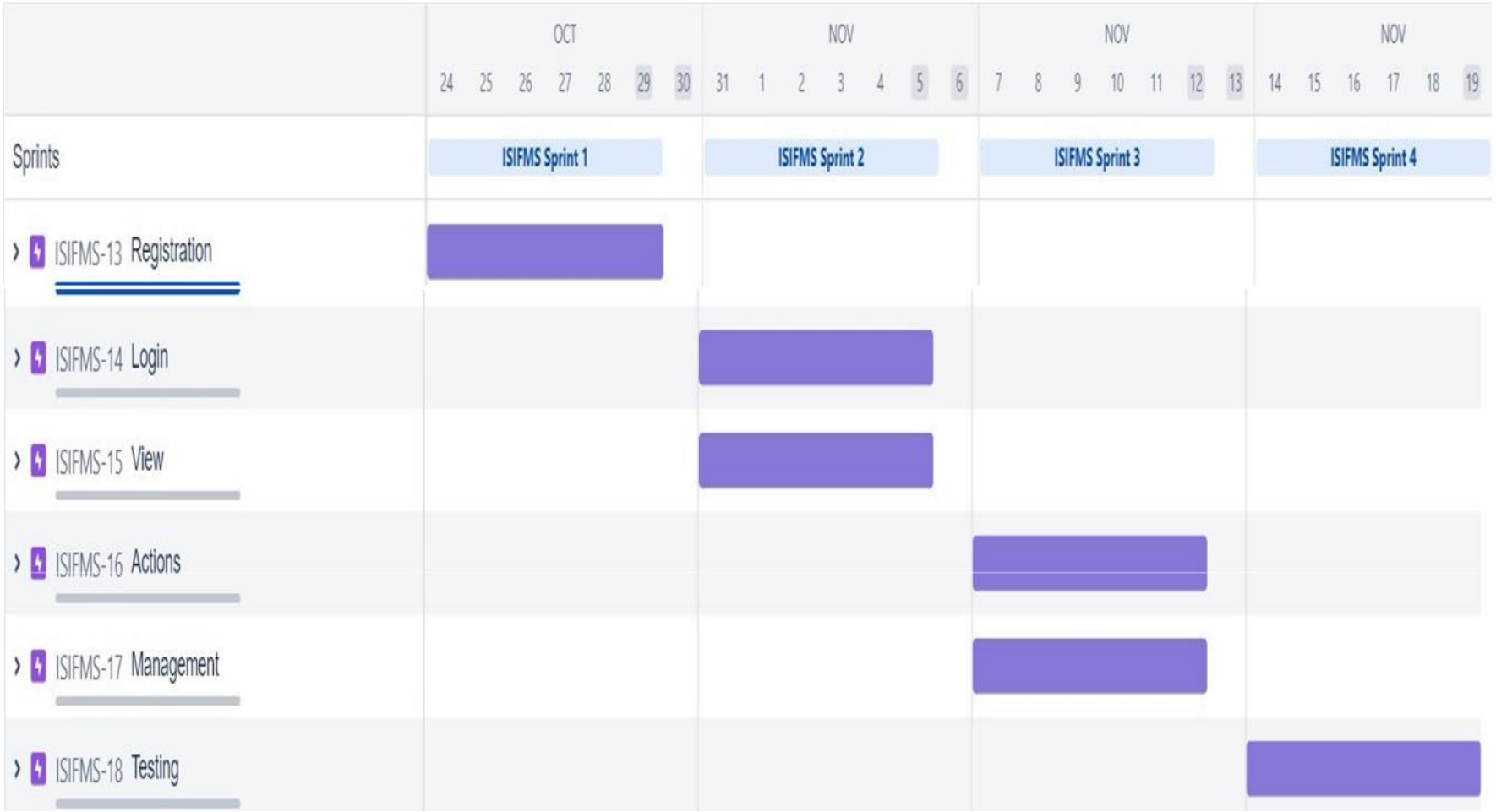
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart:



Road Map:


OCT
NOV
NOV
NOV
24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Sprints
ISIFMS Sprint 1
ISIFMS Sprint 2
ISIFMS Sprint 3
ISIFMS Sprint 4
ISIFMS-13 Registration
ISIFMS-14 Login
ISIFMS-15 View
ISIFMS-16 Actions
ISIFMS-17 Management
ISIFMS-18 Testing