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

Date	18 October 2022
Team ID	PNT2022TMID41909
Project Name	Signs with Smart Connectivity for Better Road Safety
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Initialization of the resources	USN-1	Create and open some accounts like Open weather API.	1	Low	Monishkumar
Sprint-1	Local Server / Software used	USN-2	Write a Python program that outputs results given the inputs like weather and location.	2	Medium	Monishkumar
Sprint-2	Push the server / Software to cloud	USN-3	We use IBM cloud for project deployment	2	Medium	Kowsalya
Sprint-3	Hardware initialization	USN-4	Integrate the hardware to be able to access the cloud functions and provide inputs to the same.	2	High	Santhosh
Sprint-4	UI/UX Optimization & Debugging	USN-5	Optimize all the shortcomings and provide better user experience.	2	Medium	Manojkumar

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

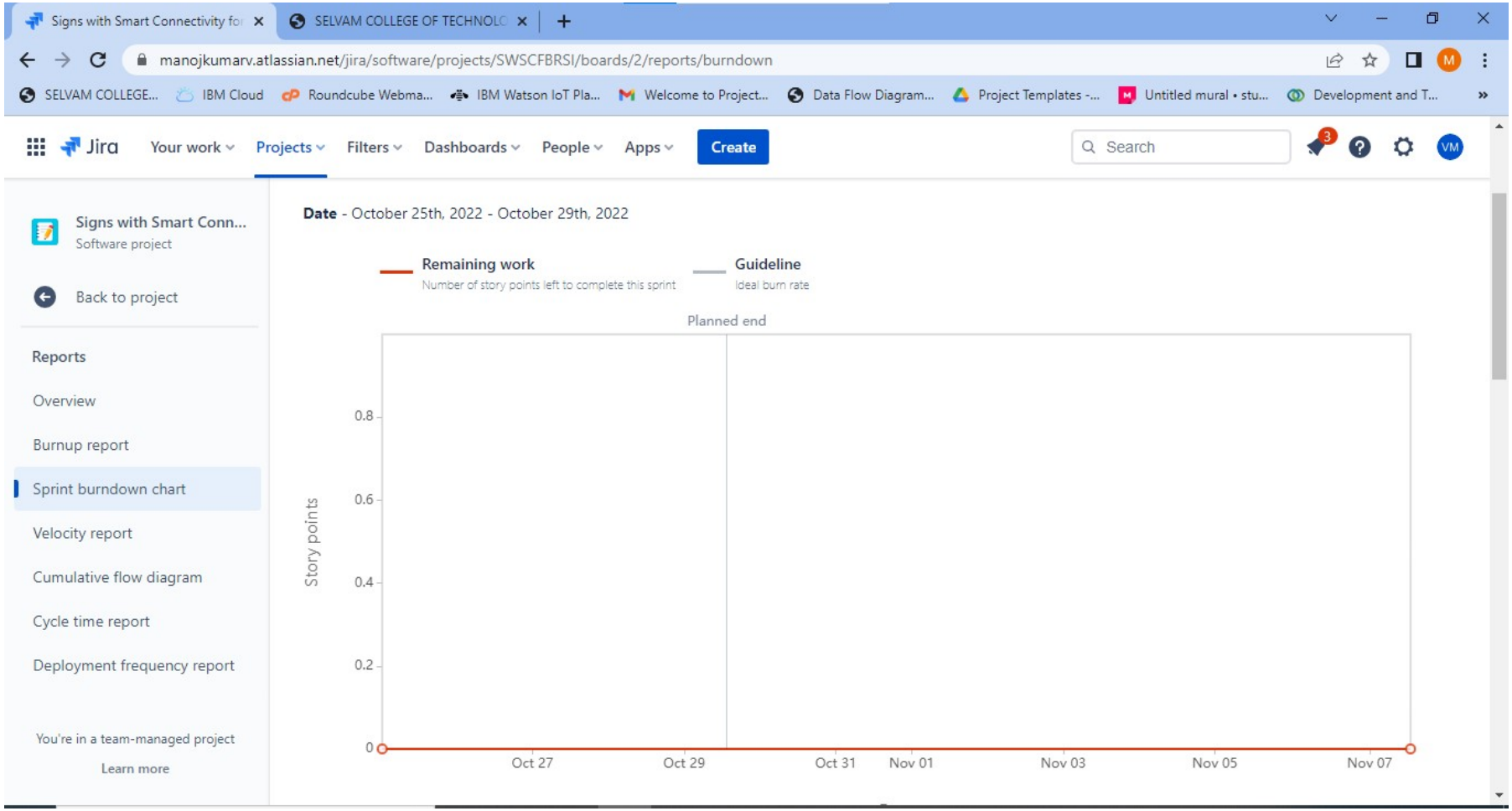
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022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

Velocity:

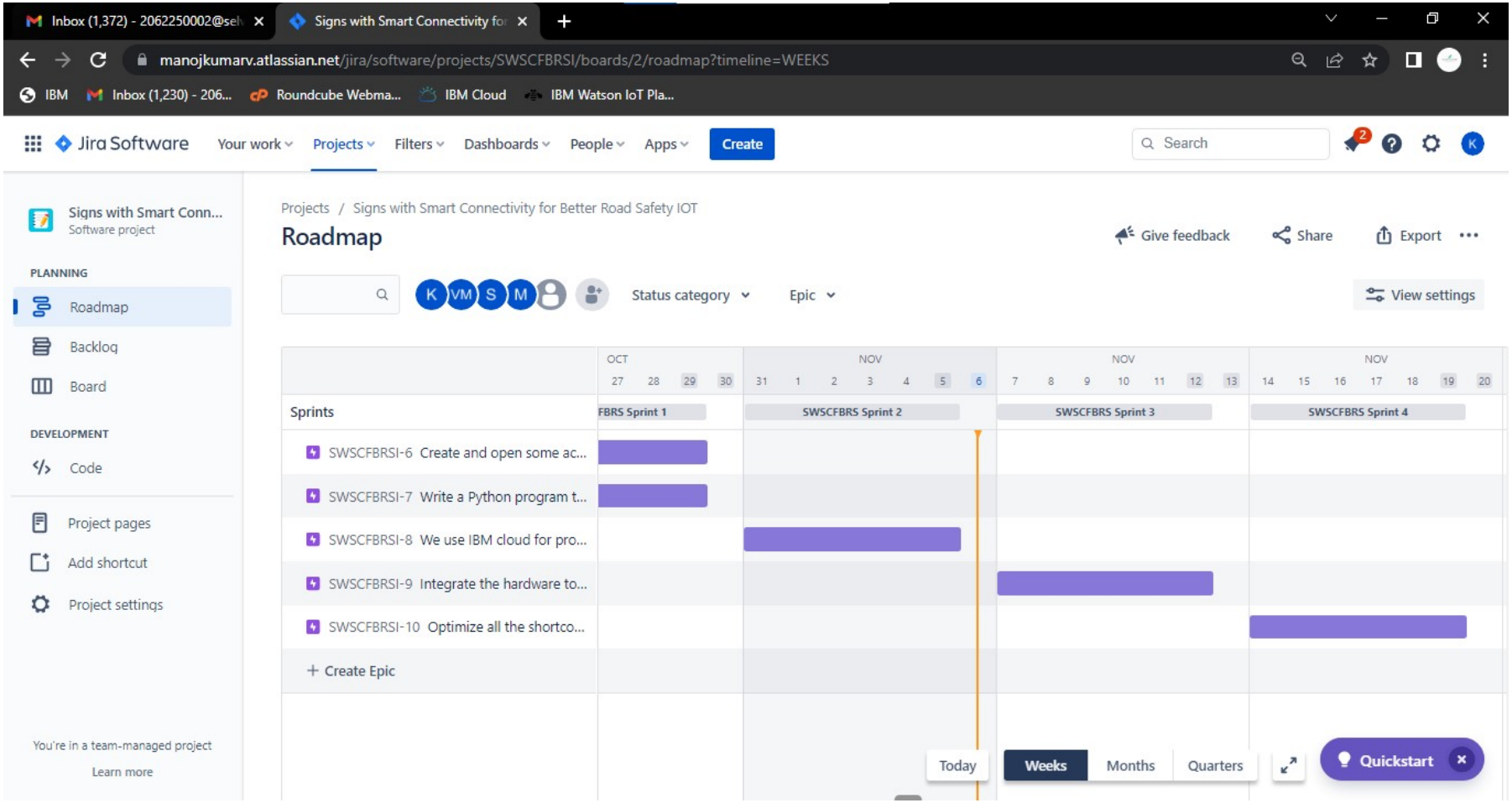
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart:



Road map:


Inbox (1,372) - 2062250002@sel
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manojkumarv.atlassian.net/jira/software/projects/SWSCFBRSI/boards/2/roadmap?timeline=WEEKS
IBM
Inbox (1,230) - 206...
Roundcube Webma...
IBM Cloud
IBM Watson IoT Pla...
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
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Search
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PLANNING
Roadmap
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Project settings
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Roadmap
Give feedback
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Export
Status category
Epic
View settings
OCT
NOV
NOV
NOV
27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Sprints
FBRS Sprint 1
SWSCFBRS Sprint 2
SWSCFBRS Sprint 3
SWSCFBRS Sprint 4
SWSCFBRSI-6 Create and open some ac...
SWSCFBRSI-7 Write a Python program t...
SWSCFBRSI-8 We use IBM cloud for pro...
SWSCFBRSI-9 Integrate the hardware to...
SWSCFBRSI-10 Optimize all the shortco...
Create Epic
Today
Weeks
Months
Quarters
Quickstart