Project Planning Phase

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

Team ID	PNT2022TMID15840
Project Name	Nutrition Assistant Application
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	Setting Up Application Environment	USN-1	To create lots of environments. Create or Enrolment to the IBM cloud, Docker CLI installation, create an account in SendGrid and Nutrition API, etc.,	4	High	Shivaani B
Sprint-1	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	Sowjanya G
Sprint-1		USN-3	As a user, I will receive confirmation email once I have registered for the application	2	Medium	Durga P
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Sri Varshini R A

Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	4	High	Shivaani B Sowjanya G
Sprint-2	Profile	USN-6	As a User, I can view and change my profile settings.	2	Medium	Sowjanya G Durga P
Sprint-2	Upload image	USN-7	As a User, I can upload the food picture to know about it details	4	Medium	Sri Varshini R A Shivaani B
Sprint-3	Prediction result page for food items.	USN-8	Displays the result of the uploaded food picture	7	High	Sowjanya G Sri Varshini R A
Sprint-4	View history of food items.	USN-9	Gives a Consolidated view of previously searched food items.	4	Medium	Shivaani B Durga 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	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

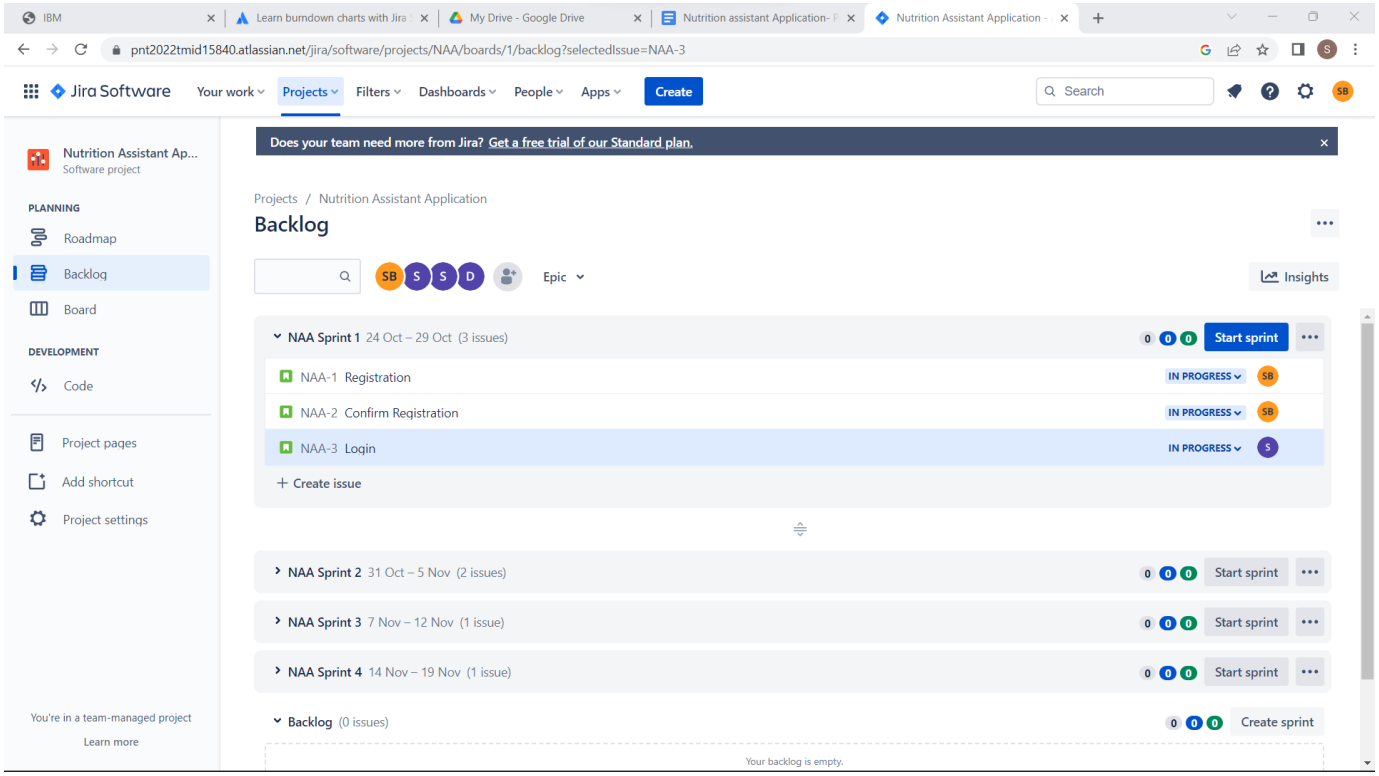
Velocity:

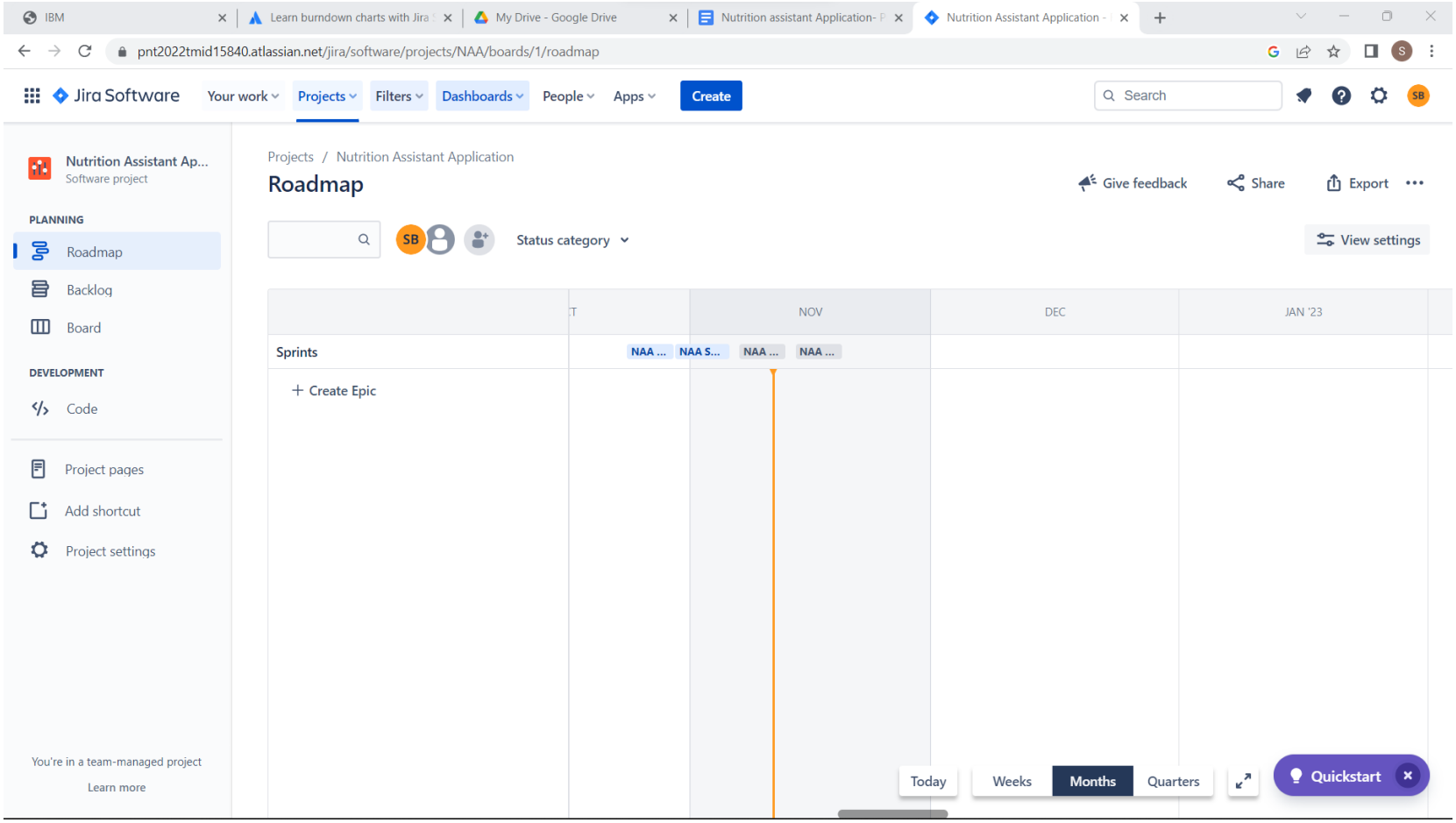
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress over time.

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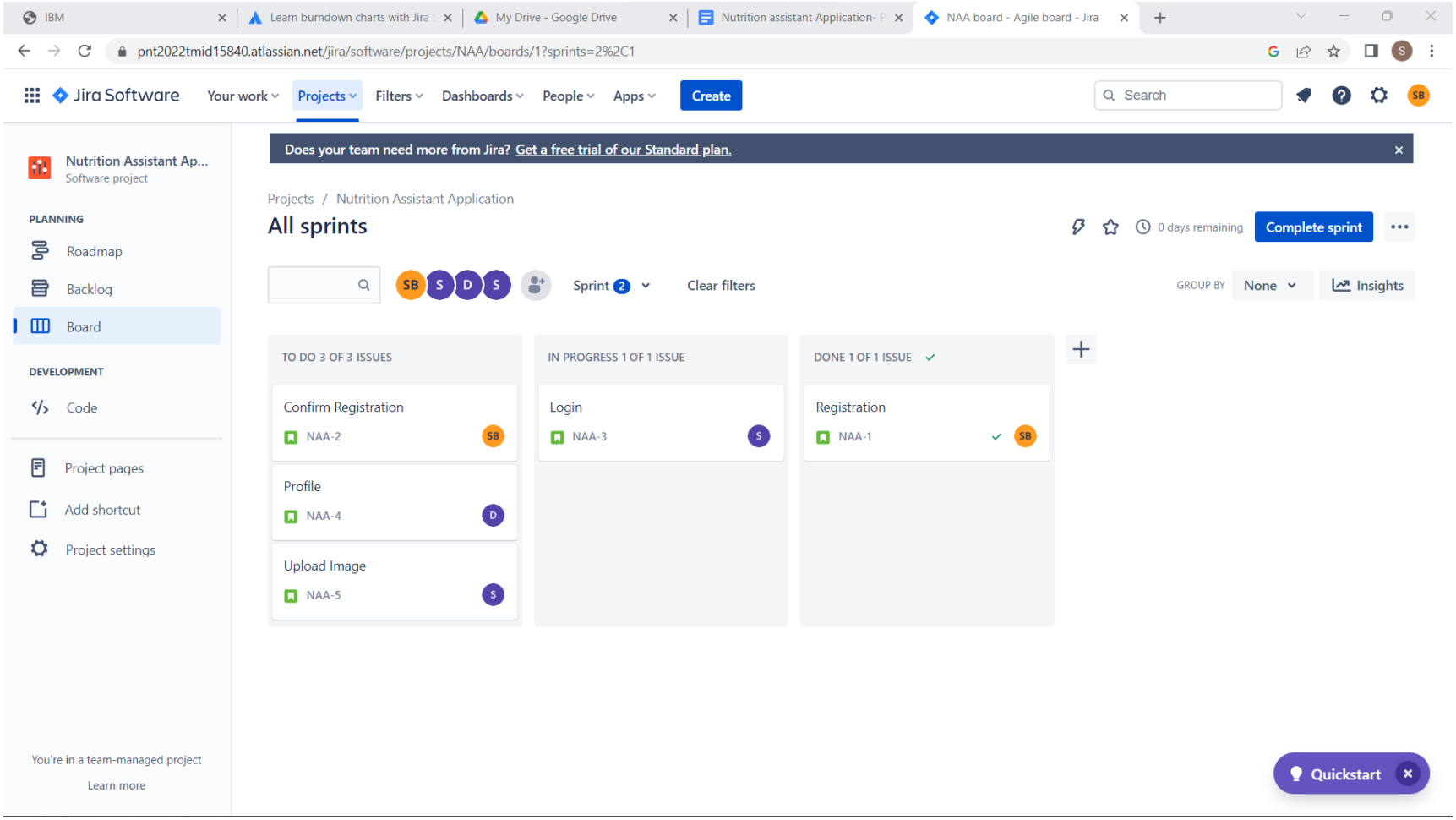
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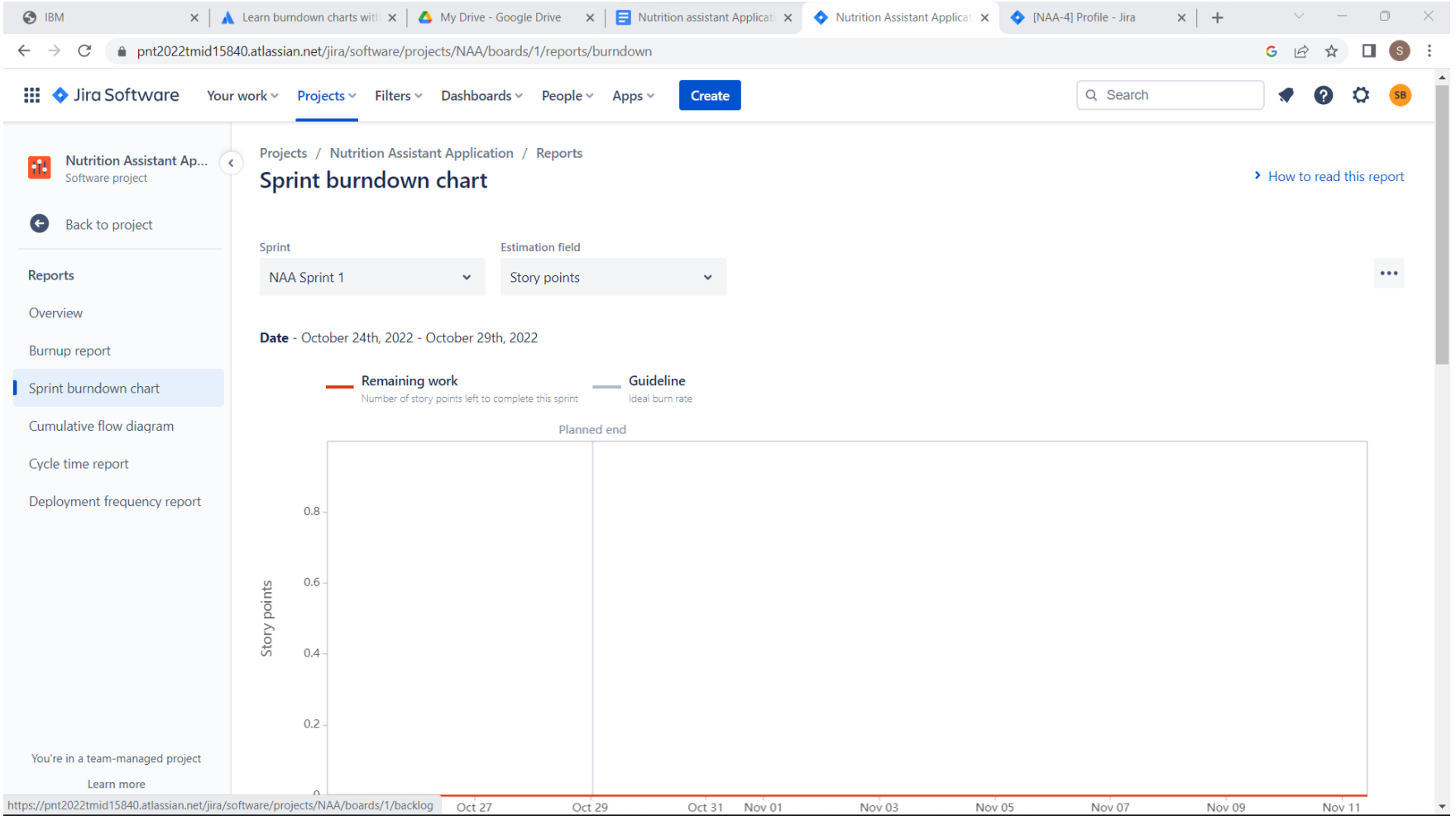
All sprints
0 days remaining
Complete sprint
Sprint 2
Clear filters
GROUP BY
None
Insights
TO DO 3 OF 3 ISSUES
Confirm Registration
NAA-2
Profile
NAA-4
Upload Image
NAA-5
IN PROGRESS 1 OF 1 ISSUE
Login
NAA-3
DONE 1 OF 1 ISSUE
Registration
NAA-1
Quickstart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Overview
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Sprint burndown chart
Cumulative flow diagram
Cycle time report
Deployment frequency report
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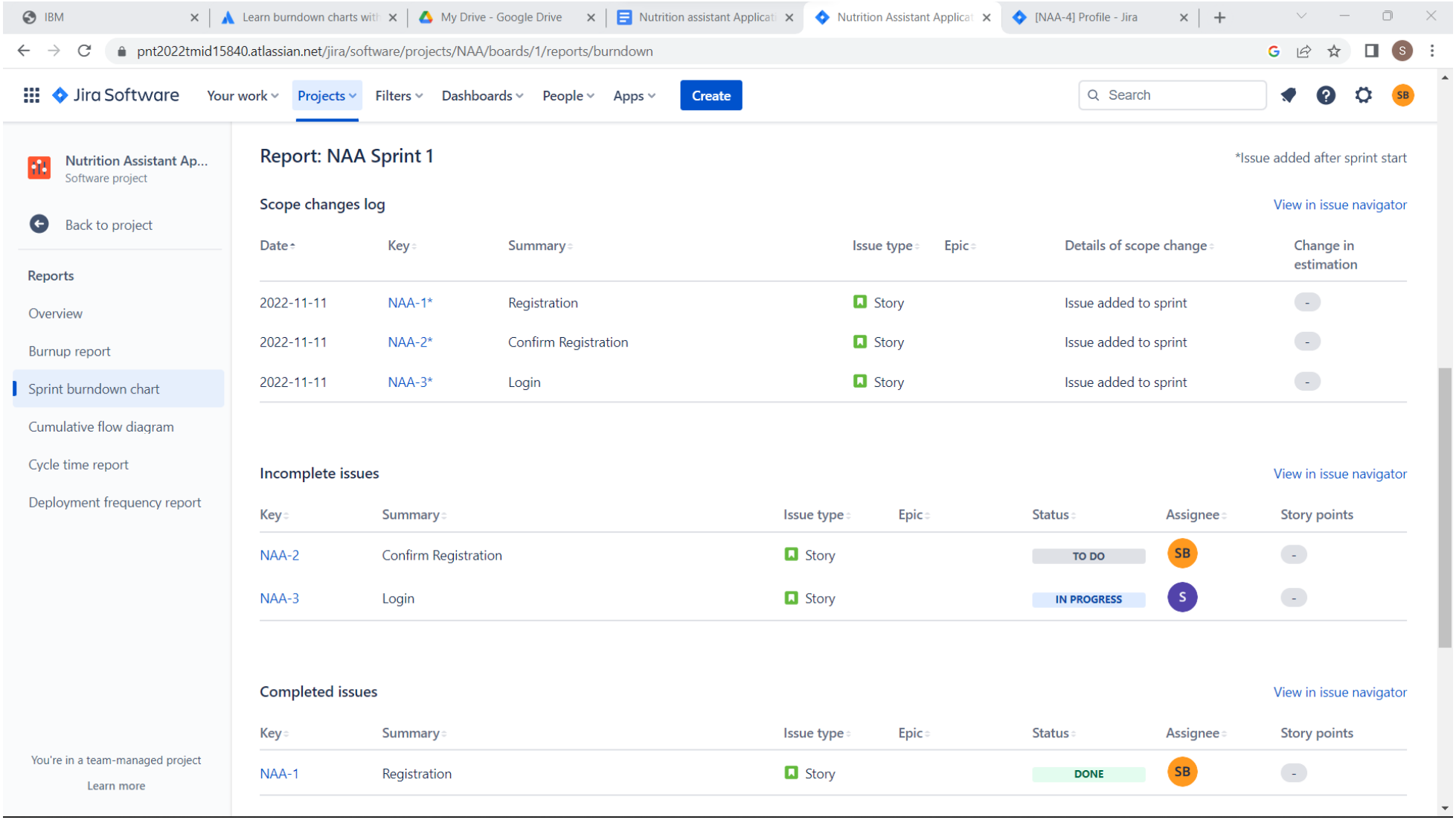
Sprint burndown chart
How to read this report
Sprint
NAA Sprint 1
Estimation field
Story points
Date - October 24th, 2022 - October 29th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Planned end
Story points
0.8
0.6
0.4
0.2
0
Oct 27
Oct 29
Oct 31
Nov 01
Nov 03
Nov 05
Nov 07
Nov 09
Nov 11
https://pnt2022tmid15840.atlassian.net/jira/software/projects/NAA/boards/1/backlog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Report: NAA Sprint 1
*Issue added after sprint start
Scope changes log
View in issue navigator
Date
Key
Summary
Issue type
Epic
Details of scope change
Change in estimation
2022-11-11
NAA-1*
Registration
Story
Issue added to sprint
-
2022-11-11
NAA-2*
Confirm Registration
Story
Issue added to sprint
-
2022-11-11
NAA-3*
Login
Story
Issue added to sprint
-
Incomplete issues
View in issue navigator
Key
Summary
Issue type
Epic
Status
Assignee
Story points
NAA-2
Confirm Registration
Story
TO DO
SB
-
NAA-3
Login
Story
IN PROGRESS
S
-
Completed issues
View in issue navigator
Key
Summary
Issue type
Epic
Status
Assignee
Story points
NAA-1
Registration
Story
DONE
SB
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