Project PlanningPhase

Date	14 November 2022
TeamID	PNT2022TMID22056
ProjectName	RetailStoreStockInventoryAnalysis
MaximumMarks	8 Marks

Sprint	**FunctionalRequirement(Epic)**	**User StoryNumber**	**UserStory/Task**	**StoryPoints**	**Priority**	**TeamMembers**
Sprint-1	Registration	USN-1	As a user, I can register for the application byentering my email, password, and confirmingmypassword.	8	High	Teja Kumar M.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	Low	Teja Kumar M.S
Sprint-1	Authentication	USN-3	Asauser,mysessionwillbemonitoredthroughout.	4	Medium	Sukumar.G
Sprint-1	Login	USN-4	As a user, I can login to the account whenever Ineed.	4	High	Saishriaakash.R
Sprint-1		USN-5	As a user, I should gather and understand the data	4	Medium	Thirumalairaju.R
Sprint-1		USN-6	As a user,I will load the dataset into IBM Cognos Watson.	6	High	Teja Kumar M.S

Sprint-2	StockView	USN-7	Asa user, Icanviewthelistofitems intheinventory.	2	Medium	Saishriaakash.R
Sprint-2		USN-8	As a user, I can update the stocks every nowand then.	2	High	Thirumalairaju.R
Sprint-2		USN-9	As a user,I can scrutinize different stock categories.	2	Low	Sukumar.G
Sprint-2		USN-10	As a user,I can monitor performance of retail business and make better decisions	4	Medium	Thirumalairaju.R
Sprint-2	Working with Data	USN-11	As a user , I can explore the uploaded data and prepare the data	4	High	Teja Kumar M.S
Sprint-2		USN-12	As a user, I can visualize the explored data	6	Medium	Saishriaakash.R
Sprint-3	Inventory	USN-13	As a user, I can manage and track mycustomer'sorders.	4	Low	TejaKumar M.S
Sprint-3		USN-14	As a user, I can locate stock and its quantity and cost.	4	Low	Teja Kumar M.S
Sprint-3	Prediction	USN-15	As a user, I can monitor the price of the stock inreal time.	2	Medium	Thirumalairaju.R

Sprint-3		USN-16	As a user,I can predict least profit and high profit.	2	High	Saishriaakash.R
Sprint-3		USN-17	As a user, I can predict overflow of stocks.	3	High	Sukumar.G
Sprint-4	Analysis	USN-18	Asa user, Icanviewthecontentsin the cart.	3	Low	Saishriaakash.R
Sprint-4		USN-19	As a user,I can analyze stocks and make decisions.	3	Low	Sukumar.G
Sprint-4		USN-20	As a user, I can analyze and identify the most sold / least sold item in the store.	3	High	Thirumalairaju.R
Sprint-4	Visualization	USN-21	As a user, I can consume data visually andhenceeasyto understand.	4	Medium	Teja Kumar M.S
Sprint-4		USN-22	As a user, I can make reports of sales based on the visualizations done	7	High	Teja Kumar M.S

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

Sprint	Total StoryPoints	Duration	SprintStartDate	Sprint End Date(Planned)	Story PointsCompleted (ason PlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	28	6Days	24Oct2022	29Oct2022	28	29Oct2022
Sprint-2	20	6Days	31Oct2022	05 Nov2022	20	05 Nov2022
Sprint-3	15	6Days	07 Nov2022	12 Nov2022	15	12 Nov2022
Sprint-4	20	6Days	14 Nov2022	19 Nov2022	0	19 Nov2022

Velocity:

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

Sprint	**Total StoryPoints**	**Duration**	**Averagevelocity**
Sprint-1	28	6Days	4.66
Sprint-2	20	6Days	3.33
Sprint-3	15	6Days	2.50
Sprint-4	20	6Days	3.33
Total	83	24	3.45

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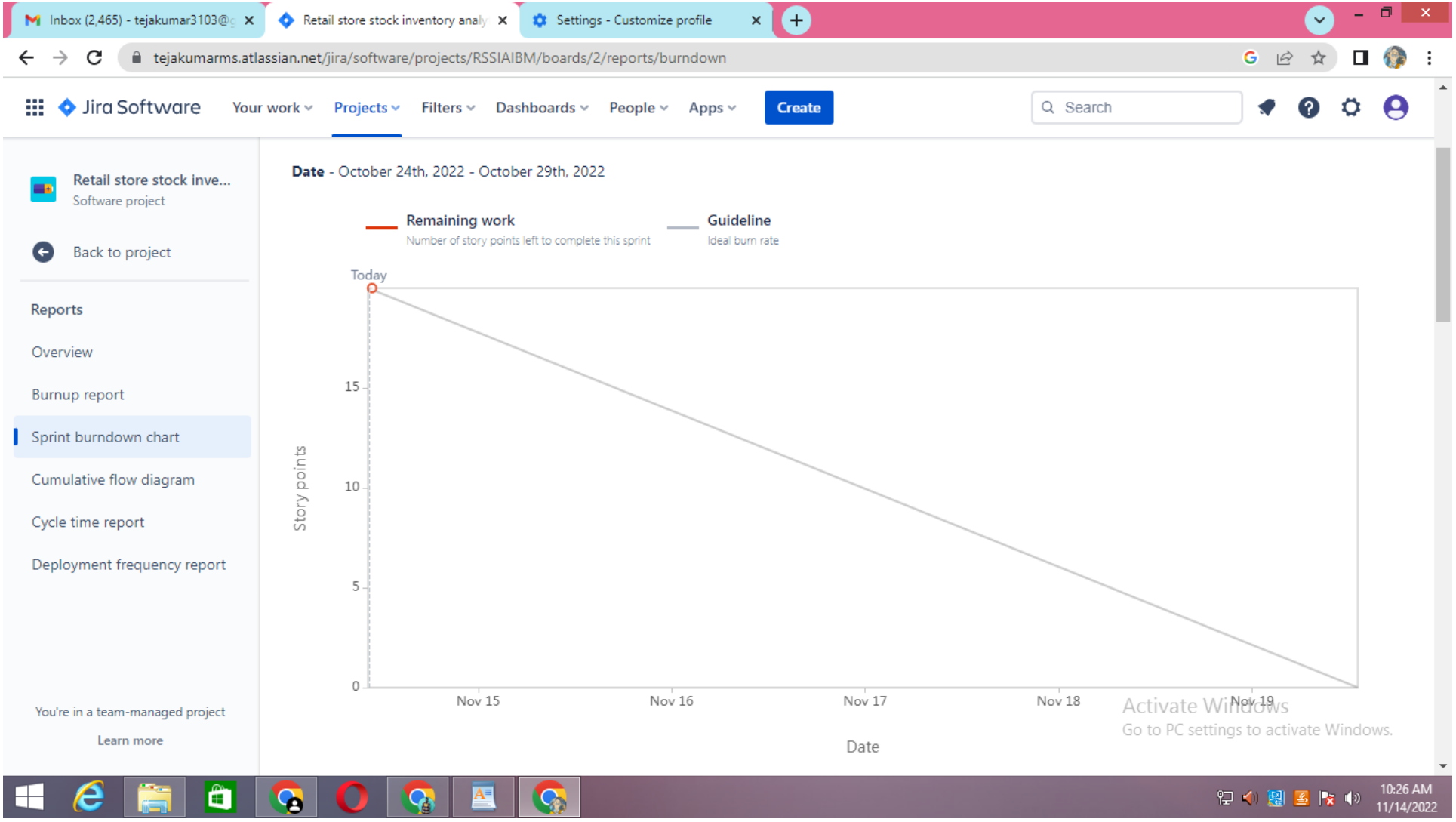
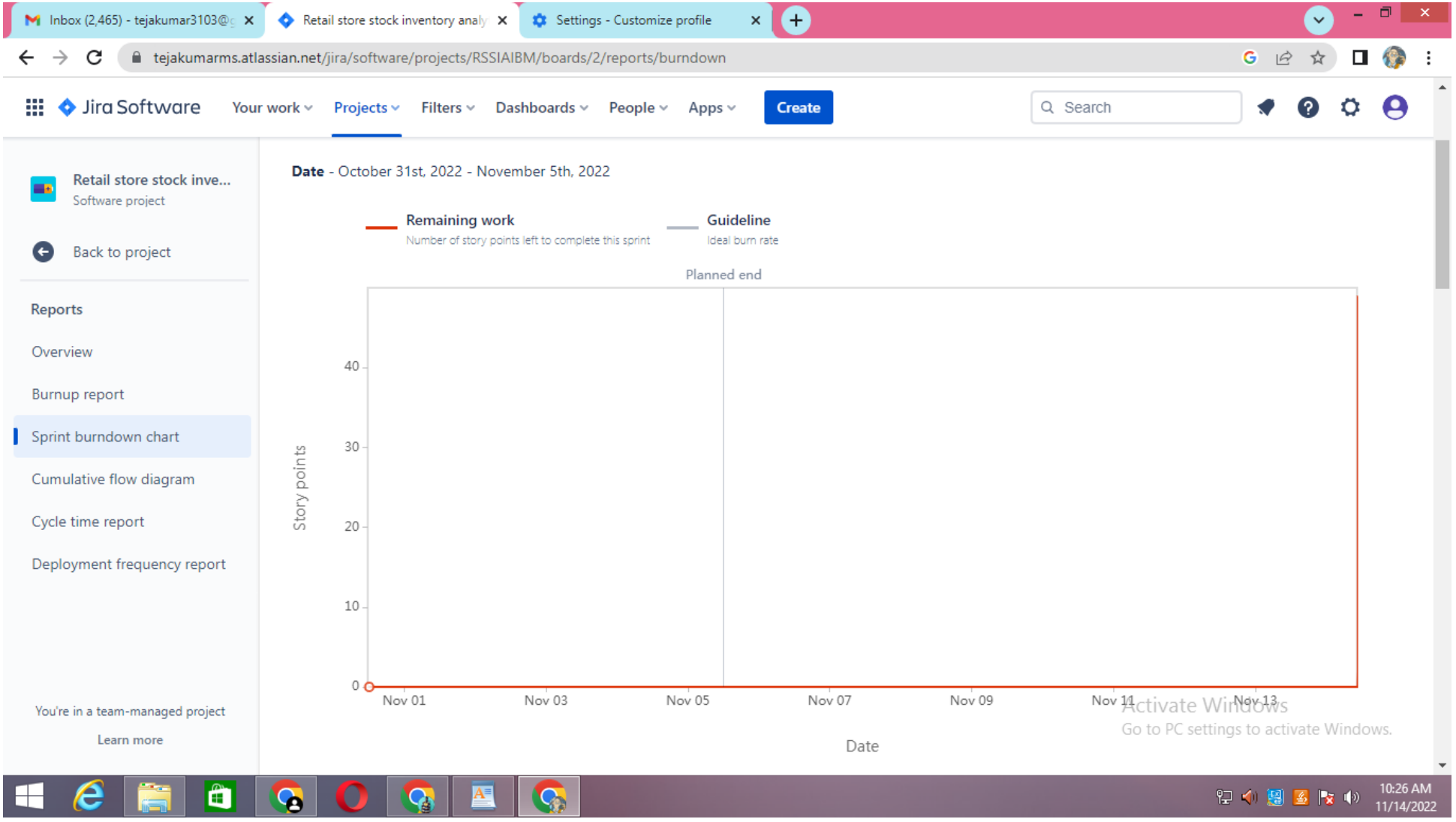
Sprint Burndown Chart

Sprint 1



Sprint 2


Inbox (2,465) - tejakumar3103@
Retail store stock inventory analy
Settings - Customize profile
tejakumarms.atlassian.net/jira/software/projects/RSSIAIBM/boards/2/reports/burndown
Jira Software
Your work
Projects
Filters
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Create
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Retail store stock inve...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
Date - October 31st, 2022 - November 5th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Planned end
Story points
40
30
20
10
0
Nov 01
Nov 03
Nov 05
Nov 07
Nov 09
Nov 11
Nov 13
Date
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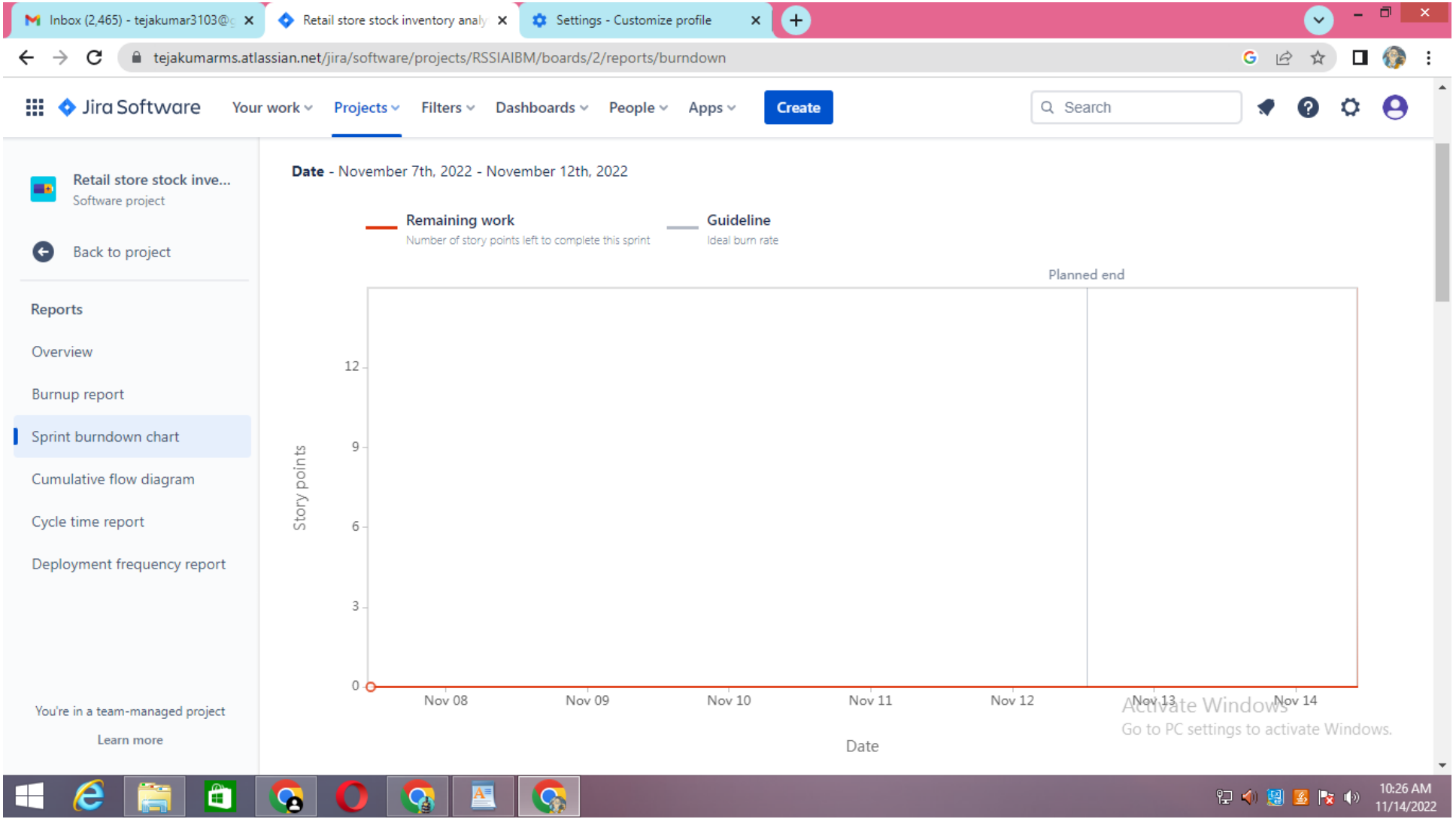
10:26 AM
11/14/2022

Sprint 3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Jira Software
Your work
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Apps
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Search
Retail store stock inve...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
Date - November 7th, 2022 - November 12th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Planned end
Story points
12
9
6
3
0
Nov 08
Nov 09
Nov 10
Nov 11
Nov 12
Nov 13
Nov 14
Date
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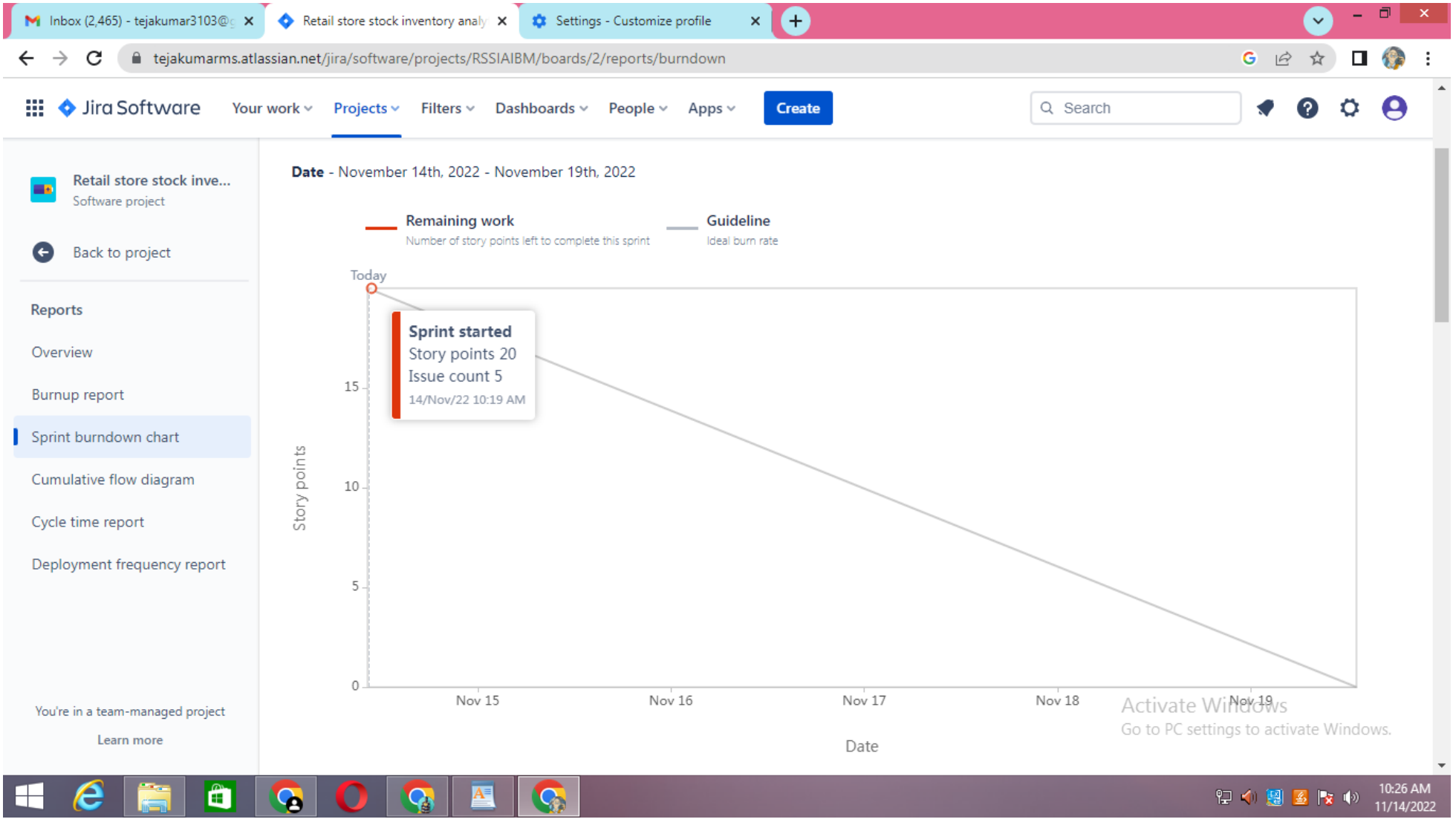
11/14/2022

Sprint 4


Inbox (2,465) - tejakumar3103@
Retail store stock inventory analy
Settings - Customize profile
tejakumarms.atlassian.net/jira/software/projects/RSSIAIBM/boards/2/reports/burndown
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
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Retail store stock inve...
Software project
Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Cumulative flow diagram
Cycle time report
Deployment frequency report
You're in a team-managed project
Learn more
Date - November 14th, 2022 - November 19th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Today
Sprint started
Story points 20
Issue count 5
14/Nov/22 10:19 AM
Story points
15
10
5
0
Nov 15
Nov 16
Nov 17
Nov 18
Nov 19
Date
Activate Windows
Go to PC settings to activate Windows.
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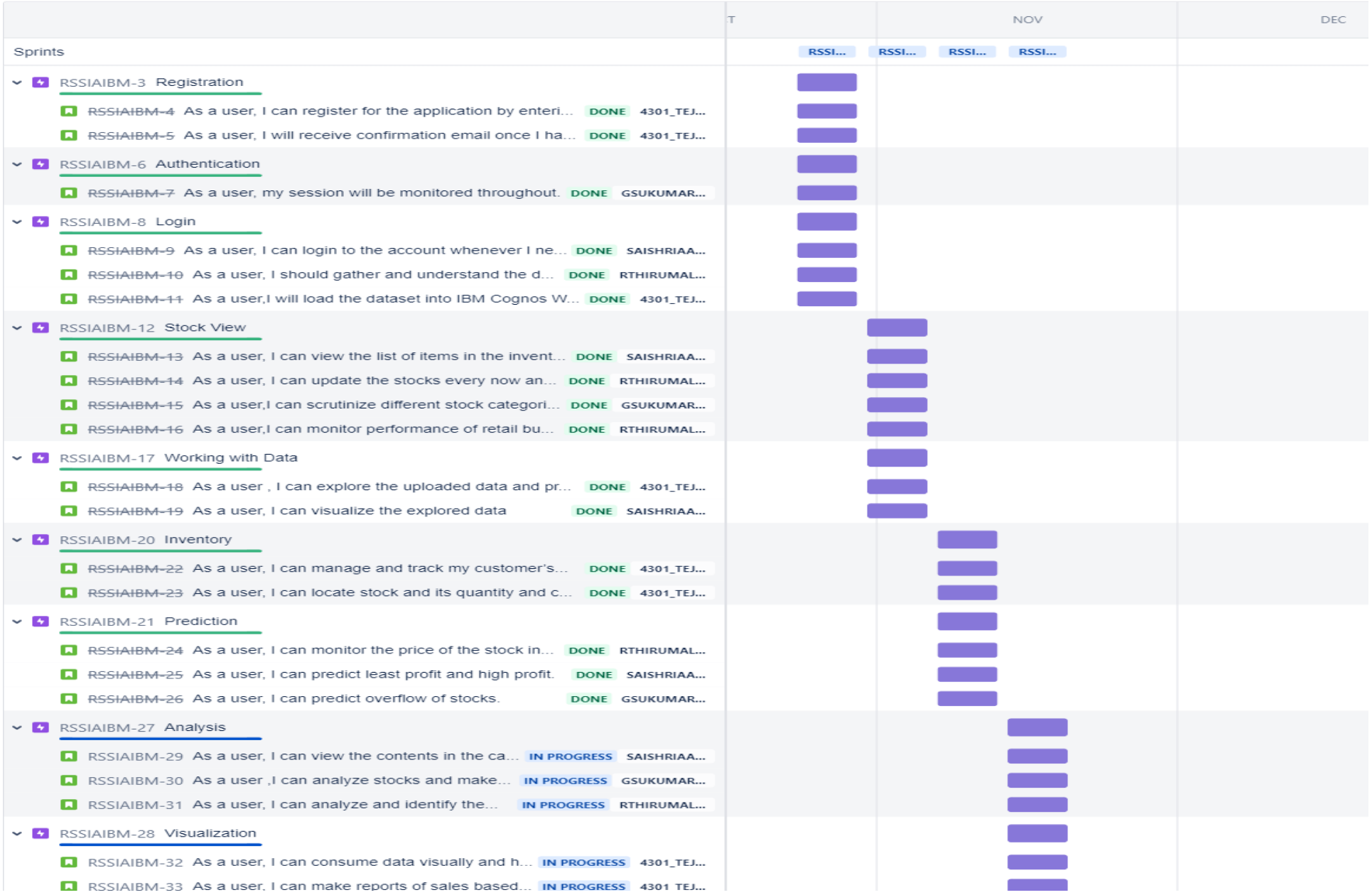
11/14/2022

Roadmap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Sprints
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RSSI...
RSSIAIBM-3 Registration
~~RSSIAIBM-4~~ As a user, I can register for the application by enteri... DONE 4301_TEJ...
~~RSSIAIBM-5~~ As a user, I will receive confirmation email once I ha... DONE 4301_TEJ...
RSSIAIBM-6 Authentication
~~RSSIAIBM-7~~ As a user, my session will be monitored throughout. DONE GSUKUMAR...
RSSIAIBM-8 Login
~~RSSIAIBM-9~~ As a user, I can login to the account whenever I ne... DONE SAISHRIAA...
~~RSSIAIBM-10~~ As a user, I should gather and understand the d... DONE RTHIRUMAL...
~~RSSIAIBM-11~~ As a user,I will load the dataset into IBM Cognos W... DONE 4301_TEJ...
RSSIAIBM-12 Stock View
~~RSSIAIBM-13~~ As a user, I can view the list of items in the invent... DONE SAISHRIAA...
~~RSSIAIBM-14~~ As a user, I can update the stocks every now an... DONE RTHIRUMAL...
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RSSIAIBM-17 Working with Data
~~RSSIAIBM-18~~ As a user , I can explore the uploaded data and pr... DONE 4301_TEJ...
~~RSSIAIBM-19~~ As a user, I can visualize the explored data DONE SAISHRIAA...
RSSIAIBM-20 Inventory
~~RSSIAIBM-22~~ As a user, I can manage and track my customer's... DONE 4301_TEJ...
~~RSSIAIBM-23~~ As a user, I can locate stock and its quantity and c... DONE 4301_TEJ...
RSSIAIBM-21 Prediction
~~RSSIAIBM-24~~ As a user, I can monitor the price of the stock in... DONE RTHIRUMAL...
~~RSSIAIBM-25~~ As a user, I can predict least profit and high profit. DONE SAISHRIAA...
~~RSSIAIBM-26~~ As a user, I can predict overflow of stocks. DONE GSUKUMAR...
RSSIAIBM-27 Analysis
RSSIAIBM-29 As a user, I can view the contents in the ca... IN PROGRESS SAISHRIAA...
RSSIAIBM-30 As a user ,I can analyze stocks and make... IN PROGRESS GSUKUMAR...
RSSIAIBM-31 As a user, I can analyze and identify the... IN PROGRESS RTHIRUMAL...
RSSIAIBM-28 Visualization
RSSIAIBM-32 As a user, I can consume data visually and h... IN PROGRESS 4301_TEJ...
RSSIAIBM-33 As a user, I can make reports of sales based... IN PROGRESS 4301_TEJ...