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

Date	22 October 2022
Team ID	PNT2022TMID38332
Project Name	Project – Retail store stock inventory analytics
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	Login	USN-1	As a user, I can log into the application byentering email & password	1	High	Ananda Muthukumar S Adithya Murugan Sherwin Jeyaram Azariah Rokeshvar M
Sprint-2	ETL Process	USN-2	As a user I can perform the Extract,Transform, And Load Data	3	High	Ananda Muthukumar S Adithya Murugan Sherwin Jeyaram Azariah Rokeshvar M
Sprint-3	Dashboard	USN-3	As a user I can perform differentvisualization to analyze the data	3	High	Ananda Muthukumar S Adithya Murugan Sherwin Jeyaram Azariah Rokeshvar M
Sprint-4	Report Generation	USN-4	As a user I can generate report for the visualization.	3	High	Ananda Muthukumar S Adithya Murugan Sherwin Jeyaram Azariah Rokeshvar 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	2	6 Days	24 Oct 2022	29 Oct 2022	2	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	2	05 Nov 2022
Sprint-3	2	6 Days	07 Nov 2022	12 Nov 2022	2	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	19 Nov 2022

Velocity:

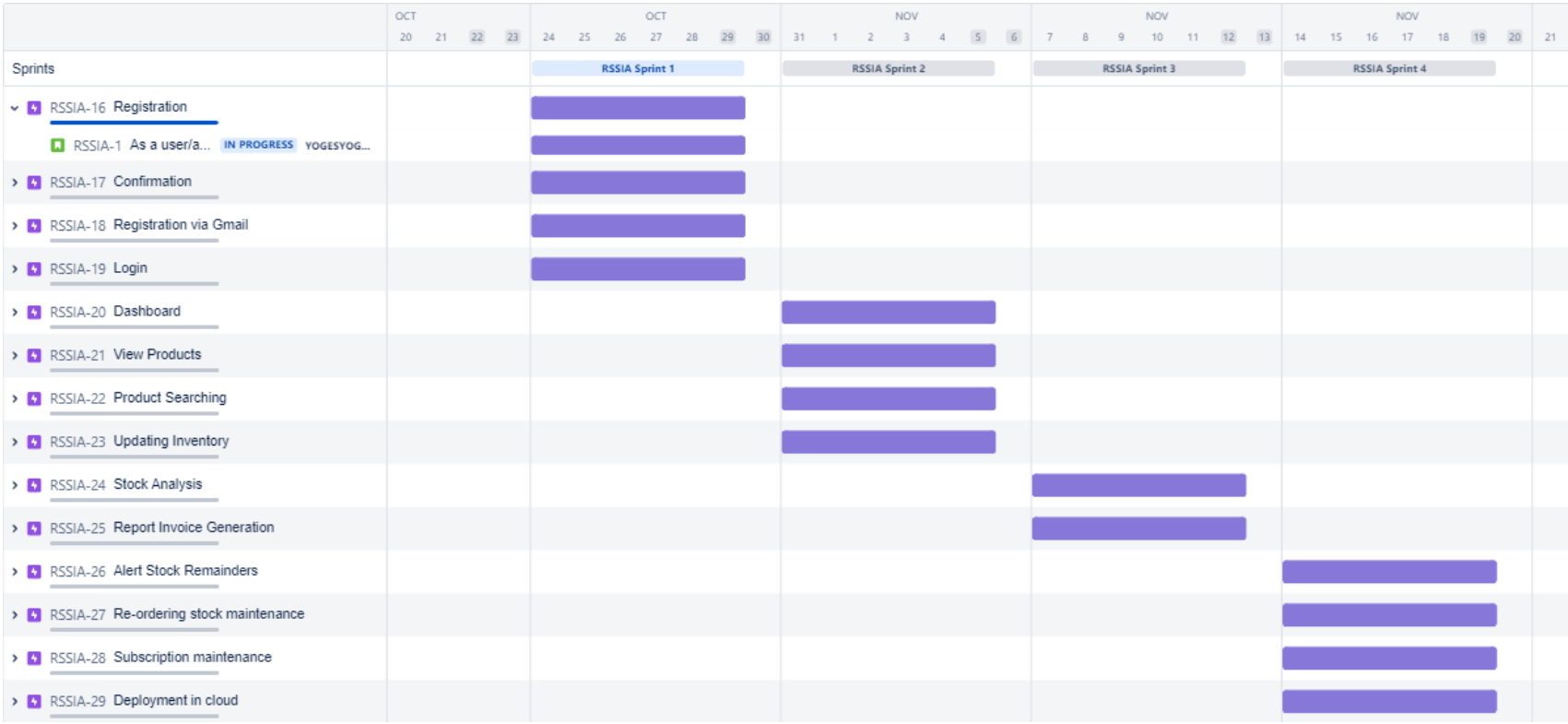
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

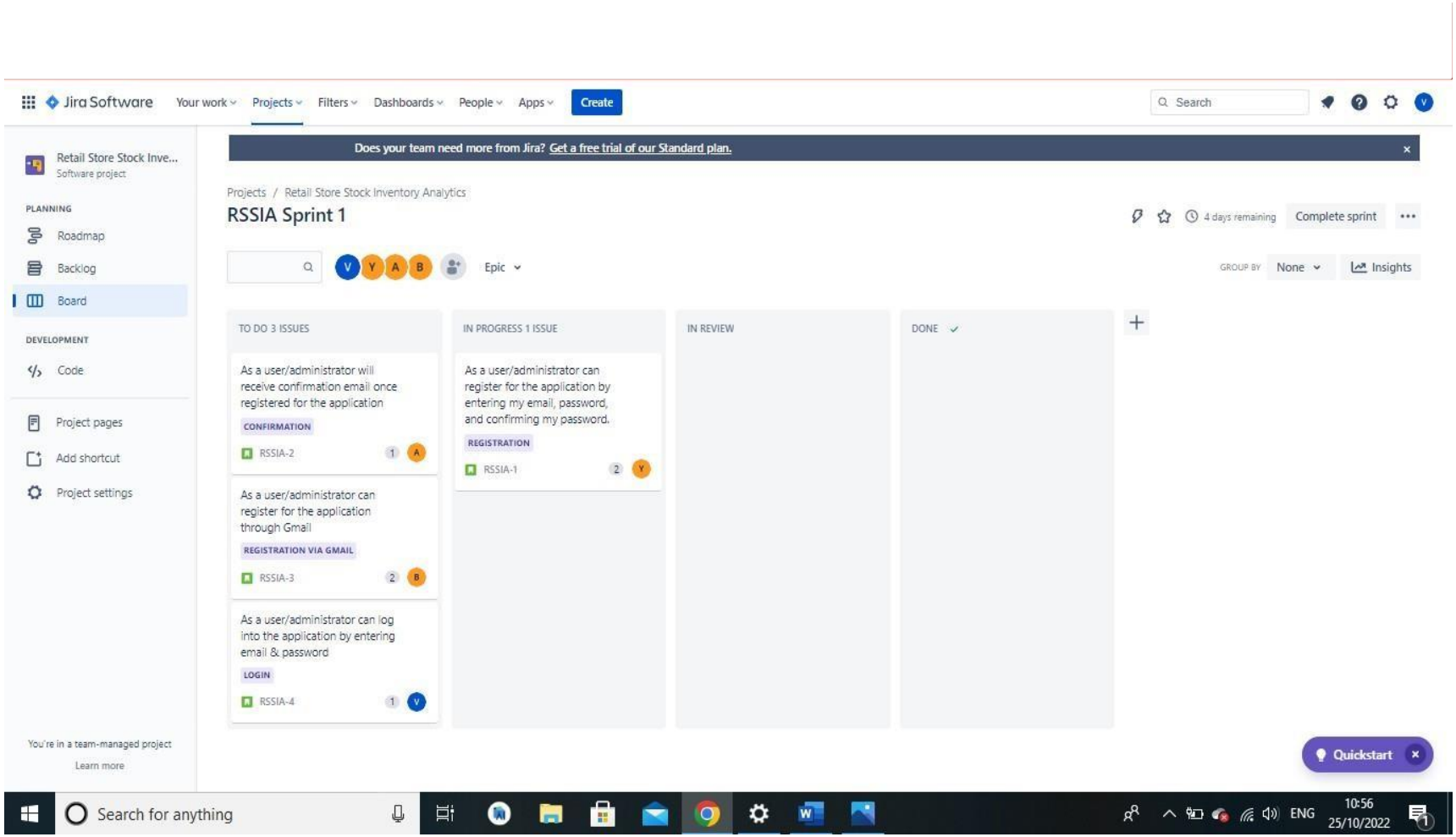
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint	Total story points	Duration	Average velocity
Sprint-1	6	6days	6/6=1
Sprint-2	17	6days	17/6=2.833
Sprint-3	10	6days	10/6=1.66
Sprint-4	12	6days	12/6=2
Total	45	24days	43/24=1.875

Burndown Chart:

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

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RSSIA Sprint 1
4 days remaining
Complete sprint
Epic
GROUP BY
None
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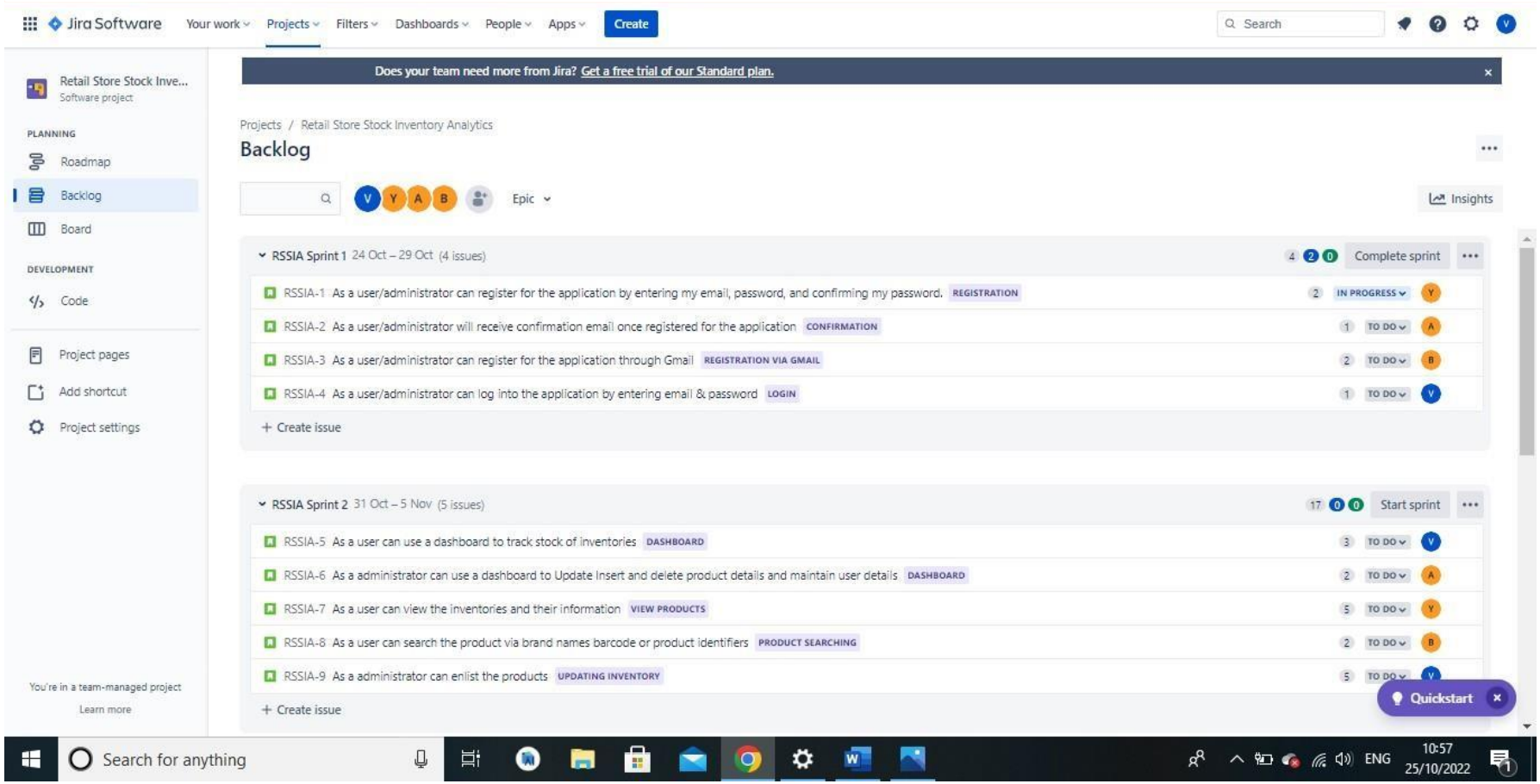
TO DO 3 ISSUES
IN PROGRESS 1 ISSUE
IN REVIEW
DONE
As a user/administrator will receive confirmation email once registered for the application
CONFIRMATION
RSSIA-2
As a user/administrator can register for the application through Gmail
REGISTRATION VIA GMAIL
RSSIA-3
As a user/administrator can log into the application by entering email & password
LOGIN
RSSIA-4
As a user/administrator can register for the application by entering my email, password, and confirming my password.
REGISTRATION
RSSIA-1
Quickstart
Search for anything
ENG
10:56
25/10/2022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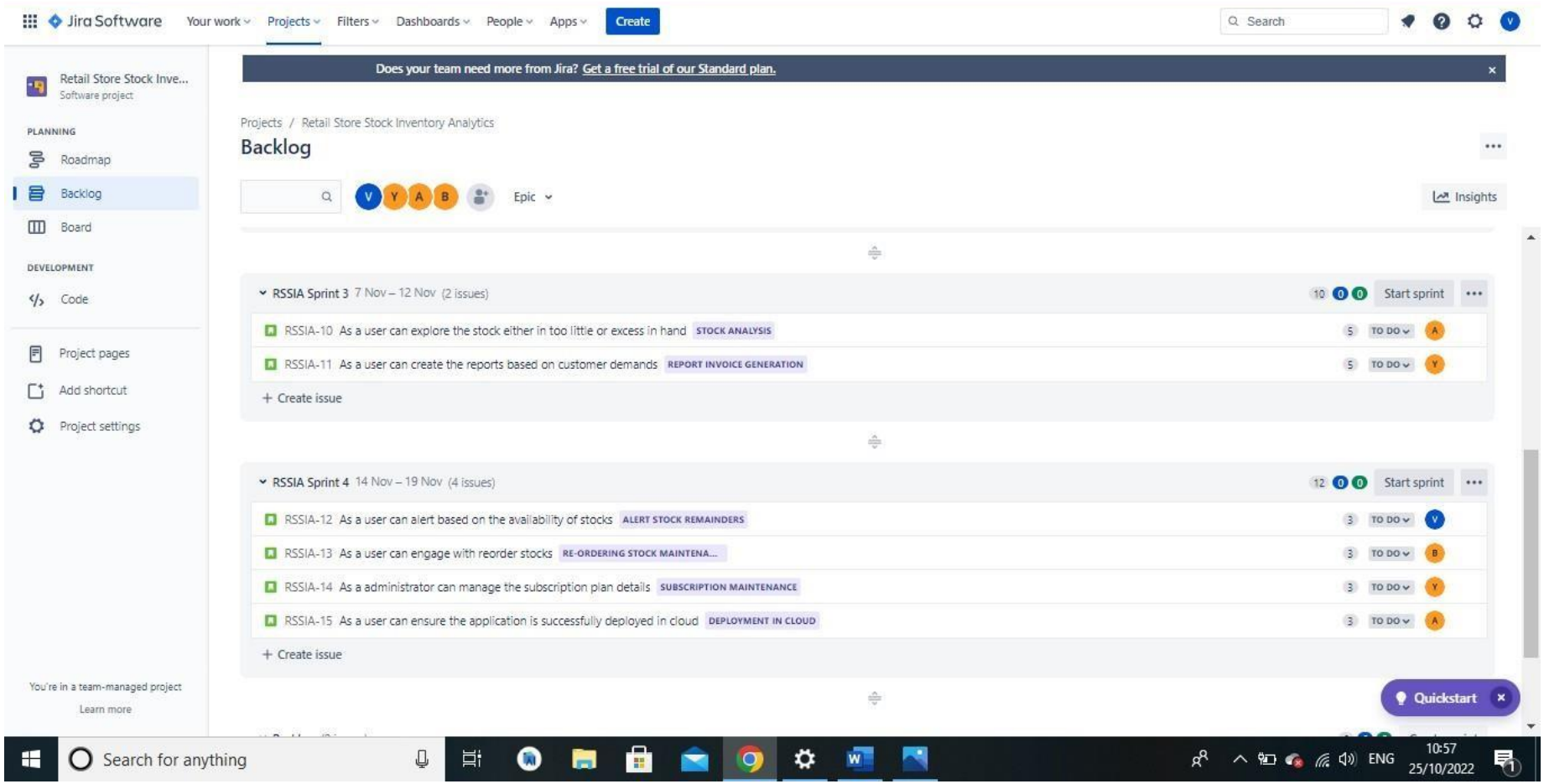
RSSIA Sprint 1 24 Oct – 29 Oct (4 issues)
Complete sprint
RSSIA-1 As a user/administrator can register for the application by entering my email, password, and confirming my password. REGISTRATION
RSSIA-2 As a user/administrator will receive confirmation email once registered for the application CONFIRMATION
RSSIA-3 As a user/administrator can register for the application through Gmail REGISTRATION VIA GMAIL
RSSIA-4 As a user/administrator can log into the application by entering email & password LOGIN
Create issue
RSSIA Sprint 2 31 Oct – 5 Nov (5 issues)
Start sprint
RSSIA-5 As a user can use a dashboard to track stock of inventories DASHBOARD
RSSIA-6 As a administrator can use a dashboard to Update Insert and delete product details and maintain user details DASHBOARD
RSSIA-7 As a user can view the inventories and their information VIEW PRODUCTS
RSSIA-8 As a user can search the product via brand names barcode or product identifiers PRODUCT SEARCHING
RSSIA-9 As a administrator can enlist the products UPDATING INVENTORY
Create issue
TO DO
IN PROGRESS
Quickstart
Search for anything
ENG
10:57
25/10/2022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Insights
RSSIA Sprint 3 7 Nov – 12 Nov (2 issues)
Start sprint
RSSIA-10 As a user can explore the stock either in too little or excess in hand STOCK ANALYSIS
RSSIA-11 As a user can create the reports based on customer demands REPORT INVOICE GENERATION
Create issue
RSSIA Sprint 4 14 Nov – 19 Nov (4 issues)
Start sprint
RSSIA-12 As a user can alert based on the availability of stocks ALERT STOCK REMAINDERS
RSSIA-13 As a user can engage with reorder stocks RE-ORDERING STOCK MAINTENA...
RSSIA-14 As a administrator can manage the subscription plan details SUBSCRIPTION MAINTENANCE
RSSIA-15 As a user can ensure the application is successfully deployed in cloud DEPLOYMENT IN CLOUD
Create issue
TO DO
Quickstart
Search for anything
ENG
10:57
25/10/2022

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