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

Date	18 October 2022
Team ID	PNT2022TMID01782
Project Name	Retail Store Stock Inventory Analytics
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	Registration	USN-1	As a user/administrator can register for the application by entering my email, password, and confirming my password.	2	High	MUTHUVEL S
Sprint-1	Confirmation	USN-2	As a user/administrator will receive confirmation email once registered for the application	1	Medium	PRAVEEN T
Sprint-1	Registration via Gmail	USN-3	As a user/administrator can register for the application through gmail	2	Medium	PRABHAKARAN S
Sprint-1	Login	USN-4	As a user/administrator can log into the application by entering email & password	1	High	PRASATH A
Sprint-2	Dashboard	USN-5	As a user can use a dashboard to track stock of inventories	3	Medium	PRASATH A
Sprint-2		USN-6	As a administrator can can use a dashboard to update,insert and delete product details and maintain user details	2	High	PRAVEEN T
Sprint-2	View products	USN-7	As a user can view the inventories and their information	5	High	MUTHUVEL S
Sprint-2	Product searching	USN-8	As a user can search the product via brand names,barcode or product identifiers	2	Medium	PRABHAKARAN S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Updating inventory	USN-9	As a administrator can enlist the products	5	High	PRASATH A
Sprint-3	Stock analysis	USN-10	As a user can explore the stock either in too little or excess in hand	5	High	PRAVEEN T
Sprint-3	Report ,invoice generation	USN-11	As a user can create the reports based on customer demands	5	High	MUTHUVEL S
Sprint-4	Alerts stock remainder	USN-12	As a user can alert based on the availability of stocks	3	Medium	PRASATH A
Sprint-4	Re ordering stock maintenance	USN-13	As a user can engage with reorder stocks	3	High	PRABHAKARAN S
Sprint-4	Subscription and deployment	USN-14	As a user can manage the subscription plan details and ensure the application is successfully deployed	3	High	MUTHUVEL S
Sprint-4	Deployment in cloud	USN-15	To ensure the application is successfully deployed in cloud	3	Medium	PRAVEEN T

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

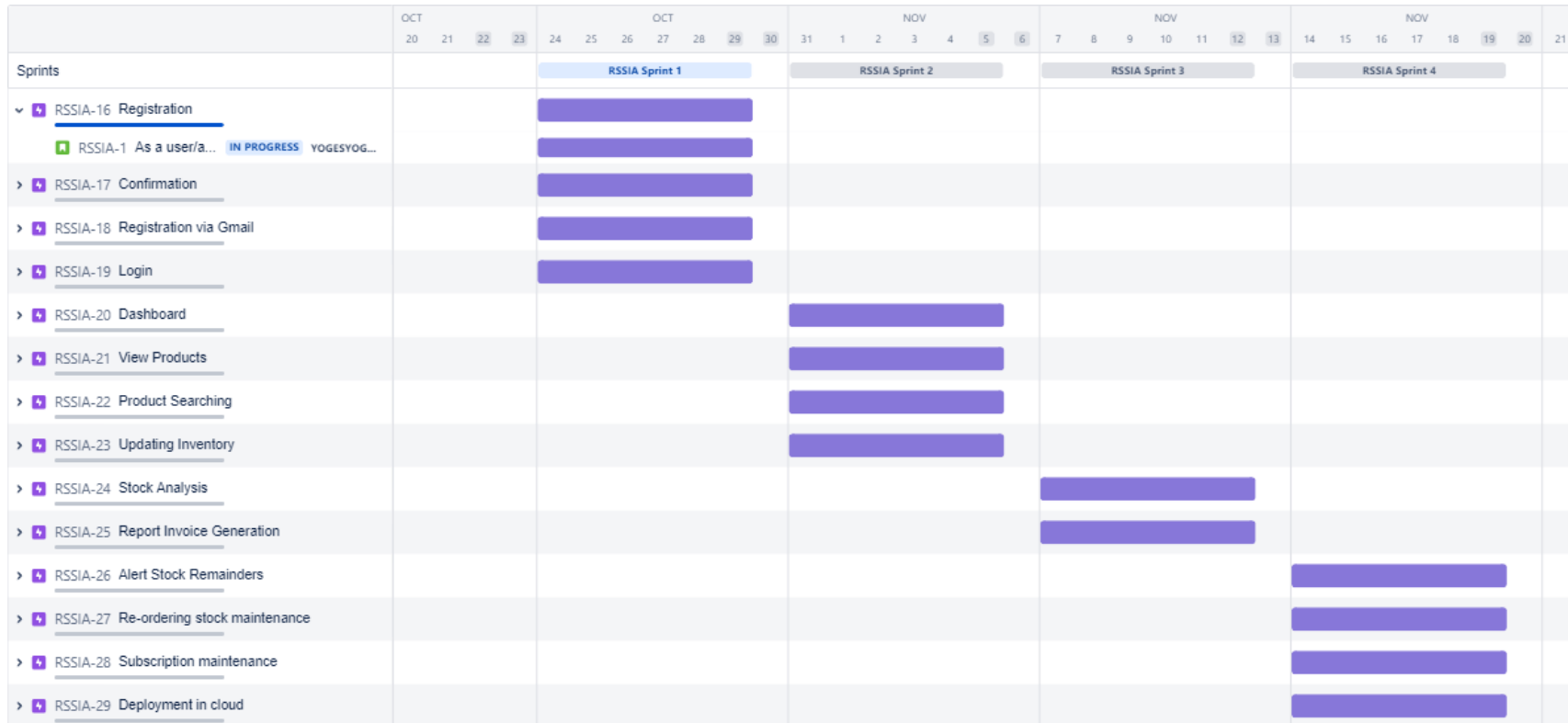| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed (As On Planned End Date)	Sprint Release Date (Actual)
Sprint-1	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	17	6 Days	31 Oct 2022	05 Nov 2022	17	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	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 such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

	OCT	OCT	NOV	NOV	NOV
	20 21 22 23	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 20 21
Sprints		RSSIA Sprint 1	RSSIA Sprint 2	RSSIA Sprint 3	RSSIA Sprint 4
RSSIA-16 Registration		████			
RSSIA-1 As a user/a... IN PROGRESS YOGESYOG...		████			
RSSIA-17 Confirmation		████			
RSSIA-18 Registration via Gmail		████			
RSSIA-19 Login		████			
RSSIA-20 Dashboard			████		
RSSIA-21 View Products			████		
RSSIA-22 Product Searching			████		
RSSIA-23 Updating Inventory			████		
RSSIA-24 Stock Analysis				████	
RSSIA-25 Report Invoice Generation				████	
RSSIA-26 Alert Stock Remainders					████
RSSIA-27 Re-ordering stock maintenance					████
RSSIA-28 Subscription maintenance					████
RSSIA-29 Deployment in cloud					████

pnt2022tmid48371.atlassian.net/jira/software/projects/RSSIA/boards/1/backlog

Jira Software   Your work ⌄   Projects ⌄   Filters ⌄   Dashboards ⌄   People ⌄   Apps ⌄   **Create**

Search

Retail Store Stock Inve...
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project
Learn more

Does your team need more from Jira? **Get a free trial of our Standard plan.**   ✕

Projects / Retail Store Stock Inventory Analytics

Backlog

⋯

Epic ⌄   Insights

▾ RSSIA Sprint 3 7 Nov – 12 Nov (2 issues)   10 0 0   Start sprint   ⋯

☐ RSSIA-10 As a user can explore the stock either in too little or excess in hand   STOCK ANALYSIS   5   TO DO ⌄   A

☐ RSSIA-11 As a user can create the reports based on customer demands   REPORT INVOICE GENERATION   5   TO DO ⌄   Y

+ Create issue

▾ RSSIA Sprint 4 14 Nov – 19 Nov (4 issues)   12 0 0   Start sprint   ⋯

☐ RSSIA-12 As a user can alert based on the availability of stocks   ALERT STOCK REMAINDERS   3   TO DO ⌄   V

☐ RSSIA-13 As a user can engage with reorder stocks   RE-ORDERING STOCK MAINTENA...   3   TO DO ⌄   B

☐ RSSIA-14 As a administrator can manage the subscription plan details   SUBSCRIPTION MAINTENANCE   3   TO DO ⌄   Y

☐ RSSIA-15 As a user can ensure the application is successfully deployed in cloud   DEPLOYMENT IN CLOUD   3   TO DO ⌄   A

+ Create issue

💡 Quickstart ✕

Search for anything   ENG   10:57
                                              25/10/2022