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

Date	24 October 2022
Team ID	PNT2022TMID01375
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-1		USN-3	As a user, I can register for the application through Gmail	1	Medium	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Forget password	USN-5	As a user, I can reset the password if I forget the password.	1	Medium	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-2	ETL process	USN-6	As a user, I can perform the extract, Transform, Load process	1	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-2	Data cleaning	USN-7	As a user, I can perform the data cleaning process	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-2	Visualization and insights	USN-8	As a user, I can visualize the data and find the insights.	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-3	Data Modeling	USN-9	As a user, I can build the model	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-3	Machine learning Model	USN-10	As a user, I can use various ml models to analyze the data	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-3	Test and train model	USN-11	As a user, I can test and train the model	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Dashboard	USN-12	As a user, I can create the dashboard about the detailed analytics of the project	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha
Sprint-4	Report	USN-13	As a user, I can generate report based on the Dashboard.	2	High	Sai pavithra, Sowmiya, Srinithi, Swetha

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	4	6 Days	14 Nov 2022	19 Nov 2022	4	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:

Sprints	OCT – D
∨ ⚡ RSSIA-6 Registration	
🔖 RSSIA-1 As a user, I... **IN PROGRESS** SAI PAVITH...	
🔖 RSSIA-2 As a user, I wi... **IN PROGRESS** SOWMIY...	
🔖 RSSIA-3 As a user, I can... **IN PROGRESS** SRINITHI	
∨ ⚡ RSSIA-7 Login	
🔖 RSSIA-4 As a user, I... **IN PROGRESS** SWETHA S...	
🔖 RSSIA-5 As a user, I... **IN PROGRESS** SAI PAVITH...	
∨ ⚡ RSSIA-11 ETL process	
🔖 RSSIA-8 As a user, I can p... **TO DO** SAI PAVITH...	
∨ ⚡ RSSIA-12 Data Cleaning	
🔖 RSSIA-9 As a user, I can perf... **TO DO** SOWMIY...	
∨ ⚡ RSSIA-13 Data visualization	
🔖 RSSIA-10 As a user, I can visu... **TO DO** SRINITHI	
∨ ⚡ RSSIA-17 Data modeling	◼
🔖 RSSIA-14 As a user, I can b... **TO DO** SWETHA S...	◼
🔖 RSSIA-15 As a user, I can us... **TO DO** SOWMIY...	◼
🔖 RSSIA-16 As a user, I can test... **TO DO** SRINITHI	◼
∨ ⚡ RSSIA-20 Dashboard	◼
🔖 RSSIA-19 As a user, I can... **TO DO** SAI PAVITH...	◼
∨ ⚡ RSSIA-21 Reports	◼
🔖 RSSIA-18 As a user, I can c... **TO DO** SWETHA S...	◼

	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-4 As a user,... **IN PROGRESS** SS

RSSIA-5 As a user,... **IN PROGRESS** SA

▼ ⚡ RSSIA-11 ETL process

　RSSIA-8 As a user, I can ... TO DO SA

▼ ⚡ RSSIA-12 Data Cleaning

　RSSIA-9 As a user, I can ... TO DO SL

▼ ⚡ RSSIA-13 Data visualization

　RSSIA-10 As a user, I ca... TO DO S

▼ ⚡ RSSIA-17 Data modeling

　RSSIA-14 As a user, I ca... TO DO SS

　RSSIA-15 As a user, I ca... TO DO SL

　RSSIA-16 As a user, I ca... TO DO S

▼ ⚡ RSSIA-20 Dashboard

　RSSIA-19 As a user, I ca... TO DO SA

▼ ⚡ RSSIA-21 Reports

　RSSIA-18 As a user, I ca... TO DO SS

＋ Create Epic

Today | Weeks | Months | Quarters | ⤡ | 💡 Quickstart ✕