Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID30228
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, I can register for the application by entering my email, password, and confirming my password.	4	High	Saranya B
		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	Preethi kumari U
		USN-3	As a user, I can register for the application through Facebook	4	Low	Preethi kumari U
		USN-4	As a user, I can register for the application through Gmail	3	Medium	Saranya B
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	Nivetha S Sowndarya D
Sprint-3	Dashboard	USN-6	As a user, I can view the charts and graphs representation of the dataset and the information shown in the dashboard	6	High	Preethi kumari U Nivetha S
Sprint-4	Report and Analysis	USN-7	As an administrator, I will manage backup and recovery, data modelling and design, distributed computing, database system, and a data security	5	High	Sowndarya D Saranya B
		USN-8	As a customer care executive, I will always be available for the interaction with the customer to clarify the queries.	4	Medium	Sowndarya D Saranya B

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)
Registration	15	6 Days	24 Oct 2022	29 Oct 2022		
Login	6	6 Days	31 Oct 2022	05 Nov 2022		
Dashboard	6	6 Days	07 Nov 2022	12 Nov 2022		
Report and Analysis	9	6 Days	14 Nov 2022	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)

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

$$AV = \frac{sprint\ duration}{velocity}$$

= 15/6 =2.5

$$AV = \frac{sprint\ duration}{velocity}$$

= 6/6 =1

$$AV = \frac{sprint\ duration}{velocity}$$

= 6/6 =1

$$AV = \frac{sprint\ duration}{velocity}$$

= 9/6 =3.2