

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30176
Project Name	Project - Inventory Management System For Retailers
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 by entering my email Id, password, and confirming my password.	5	High	Vimalraj D
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	Medium	Praveenkumar S
Sprint-1		USN-3	As a user, I can register for the application through Facebook	3	Low	Veerammal S
Sprint-1		USN-4	As a user, I can register for the application through a Google account	4	Medium	Priyaranjan K
Sprint-1	Login	USN-5	As a user, I can log in into the application by entering email id & password	4	Medium	Venkatesh Kumar B
Sprint-2		USN-6	As a user, I can log in into the application by using google account.	5	High	Priyaranjan K
Sprint-2		USN-7	As a user, I can log in to the application by using Facebook	3	Low	Vimalraj D
Sprint-2	Dashboard	USN-8	As a User, I can view the In stock count details.	5	High	Venkatesh Kumar B
Sprint-2		USN-9	As a User, I can view the low stock count details.	5	High	Veerammal S
Sprint-2		USN-10	As a User, I can view the high-demand product count details.	4	Medium	Praveenkumar S
Sprint-3		USN-11	As a User, I can view recently added product detail.	4	Medium	Priyaranjan K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-12	As a User, I can view recently sold product information.	3	Medium	Vimalraj D
Sprint-3		USN-13	As a User, I can view recently purchased customer detail.	5	High	Venkatesh Kumar B
Sprint-3	Products	USN-14	As a User , I can able to see all product name, price and quantity	4	Medium	Praveenkumar S
Sprint-3	Peoples	USN-15	As a User , I can able to see all users and customer details	4	Medium	Veerammal S
Sprint-4	Reports	USN-16	As a User, I can see all product count in form of graph	5	High	Praveenkumar S
Sprint-4	Sendgrid Integration	USN-17	As a User, I can send the email alert on low product	5	High	Priyaranjan K
Sprint-4	IBM Watson Integration	USN-18	As a User, I can ask any queries to developer of application	3	Low	Veerammal S
Sprint-4	Documentation	USN-19	As a user I can refer the documentation for features of application	4	Medium	Venkatesh Kumar B
Sprint-4		USN-20	As a user I can view a demo video of website	3	Low	Vimalraj D

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	20	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Sprint Duration : 6 Days

Velocity of the Team : 20 (points per sprint)

Team's Average Velocity :

$$AV = \frac{\text{velocity}}{\text{sprint duration}} = \frac{20}{6} = 3.33 \text{ story points per day}$$

Burndown Chart:

The Graphical representation of **Work left to do** versus **Time** :

Projects / IMS / Reports

Sprint burndown chart

[How to read this report](#)

Sprint

IMS Sprint 1

Estimation field

Story points

Date - October 24th, 2022 - October 30th, 2022

