

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMTD36840
Project Name	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	Login Page	USN-1	Creating .a Login page for the users	12	High	TL, M1
Sprint-1	Registration Page	USN-2	Creating a Register page for the new user for the Application that store there id and the passwords it the Database	18	Moderate	M2,M3
Sprint-2	Creating Stock Manager	USN-3	Creating a stock manger to add, save, update, delete the Stock information	10	High	TL,M2
Sprint-2	Creating Customer Manager	USN-4	Creating a Customer manager to add, save, update, delete the Customer information	10	High	M1,M3
Sprint-3	Testing & Deployment Phase-I	USN-5	Testing the Inventory Management System performance, I can know the System performance level	10	High	M1,M2

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	SENDGRID Integration to the Application	USN-6	Integration of SENDGRID Service and Deploy Flask Application	20	High	T1,M1
Sprint-4	Deployment Phase-II & Model Improvement	USN-7	Deployment Inventory Management System as a IBM Service Application.	15	High	M2,M3
Sprint-4		USN-8	Improving the model efficiency whenever needed/As a user, I can see new updated Application in Future days.	5	Moderate	T1,M3

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

Velocity:

The team's average velocity (AV) per iteration unit (story points per day)

$$AV = 20/6 = 3.34$$

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.

