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

Date	30 October 2022
Team ID	PNT2022TMID27832
Project Name	Project - Inventory Management system for retailers
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-2	Registration	USN-1	Being a mobile application user for this inventory management system . I will be able to register with my mail and phone number and login using the same credentials .	2	High	Jayasree ,Sarah
Sprint-2		USN-2	I will receive confirmation email once and one time password once I register for the application	2	High	Jayasree ,Sarah
Sprint-1		USN-3	As a user, I can register for the application through mobile number	2	High	Jayasree ,Sarah
Sprint-3		USN-4	As a user, I can register for the application through Gmail	2	Medium	Jayasree ,Sarah
Sprint-1		USN-5	Being a web user, I can register for the application by entering my email, password, and confirming my password.	1	High	Jayasree ,Sarah
Sprint -1		USN-6	As a user, I will receive confirmation email once I have registered for the application through the web portal	2	medium	Jayasree ,Sarah
Sprint-3		USN-7	As a user, I can register for the application through gmail	3	Medium	Jayasree ,Sarah

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN -8	As a user, I can register for the application through mobile number	2	High	Jayasree ,Sarah
Sprint-2		USN-9	I will be registering using the unique admin credentials provided by the developer	3	Medium	Jayasree ,Sarah
Sprint-1	Login	USN-10	Being a mobile application user for this inventory management system . I will login using the same credentials which i used in registration	2	High	Jayasree ,Sarah
Sprint-1		USN-11	Would login using the credentials to use my service	3	High	Jayasree ,Sarah
Sprint-3		USN-12	As a user, I can log into the application by entering gmail credentials which i used for registering	3	High	Jayasree ,Sarah
Sprint-2		USN-13	As a user, I can log into the application by entering the mobile number credentials which i used for registering	2	High	Jayasree ,Sarah
Sprint-1		USN-14	As a user I will be able to login via my username and password for the system	1	High	Jayasree ,Sarah
Sprint-1		USN-15	I will be able to login to the system with the help of the unique admin login credentials given by the developer	3	Medium	Jayasree ,Sarah
Sprint-2	Dashboard	USN-16	Once I login i will be redirected to my personal dashboard from where i can use my services	2	HIgh	Nikhileshwari, Shravani
Sprint-3		USN-17	The dashboard will give me access to all my services	2	High	Nikhileshwari, Shravani
Sprint-2		USN-18	I can login using the credentials which was given using the registration	3	Medium	Nikhileshwari, Shravani
Sprint -3		USN-19	I will be able to login using gmail	3	High	Nikhileshwari, Shravani
Sprint-3		USN-20	I will be able to login via my mobile number	2	High	Nikhileshwari, Shravani
Sprint-4		USN-21	As an admin i will be tracking the status if the inventories and stocks of the all the retailers and i will make sure that everything is smooth from both the buyer and the seller	2	High	Nikhileshwari, Shravani

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -4		USN-22	As an admin i will be in contact with the customer care executive	3	Medium	Nikhileshwari, Shravani
Sprint -4	Resolving queries	USN-23	I will be able to login with customer care executive login credentials	3	Medium	Nikhileshwari, Shravani
Sprint -4	Raising queries	USN-24	I will be able to answer the queries and raise new queries or report to the same queries	4	Medium	Nikhileshwari, Shravani
Sprint -4	Reporting to the admin	USN-25	Once the queries are solved or if there is any issues regarding the queries which was raised will be reported to the admin	3	Medium	Nikhileshwari, Shravani

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	15	7 Days	24 Oct 2022	30 Oct 2022	15	30 Oct 2022
Sprint-2	15	7 Days	01 Nov 2022	07 Nov 2022	15	07 Nov 2022
Sprint-3	15	7 Days	09 Nov 2022	15 Nov 2022	15	15 Nov 2022
Sprint-4	15	7 Days	17 Nov 2022	23 Nov 2022	15	23Nov 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:

A burndown 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.