

## Project Planning Phase

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

Date	24 October 2022
Team ID	PNT2022TMID15864
Project Name	Project – 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(Mobile user)	USN-1	As a user, I can register for the web application by entering my email, password,and confirming my password.	3	High	Team member-2
Sprint-1		USN-2	As a user, after completing the registration Iwill receive confirmation email once I have registered for the web application	2	High	Team member-3
Sprint-2		USN-3	As a user, I can register for the webapplication through LinkedIn	3	Medium	Team member-2
Sprint-2		USN-4	As a user, I can register for the webapplication through Google account	3	Medium	Team member-3
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	Team member-2
Sprint-4	Dashboard	USB-6	As a user, I can view the charts and graphs representation of the dataset and theinformation shown in the dashboard.	2	High	Team member-4
Sprint-1	Registration(Web user)	USB-1	As a user, I can register for the web application entering my email, password andconfirming my password.	3	Medium	Team member-1

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1		USB-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application	2	Medium	Team member-4
Sprint-2		USB-3	As a user, I can register for the web application through LinkedIn	3	High	Team member-1
Sprint-2		USB-4	As a user, I can register for the web application through Google account	3	Medium	Team member-4
Sprint-3	Login	USB-5	As a user, I can log into the web application by entering email & password after installing the application.	3	High	Team member-3
Sprint-4	Dashboard	USB-6	As a user, I can log into the web application by entering email & password after installing the application.	2	High	Team member-1

#### Project Tracker, Velocity & Burndown Chart: (4 Marks)

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	4	6 Days	14 Nov 2022	19 Nov 2022	4	19 Nov 2022

**Velocity:**

Imagine we have a 6-day sprint duration, and the velocity of the team is 9(approx) (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \text{Sprint duration} / \text{velocity} = 9 / 6 = 1.5$$