

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID06781
Project Name	Project – Global Sales Data Analysis
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	I can sign up for the application as a user by providing my email address, a password, and a password confirmation	3	High	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-1		USN-2	When I register for the application as a user, I will get a confirmation email.	5	High	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-2	Data Extraction	USN-3	Data extraction and modification in accordance with the requirements	5	Medium	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-2		USN-4	The loading of data, its conversion into a data module, and its preparation	8	Low	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-3	Dashboard	USN-5	Constructing a creative and effective dashboard	8	High	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-3		USN-6	Working with and analysing datasets to produce results	8	Low	Dash Santosh S Abi priya V Abinisha E Janani Devi R

Sprint-4	Report and Story	USN-7	Making a report using the provided worldwide sales data using data models.	5	Medium	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M
Sprint-4		USN-8	Telling the user a story using such data models.	5	Medium	Dash Santosh S Abi priya V Abinisha E Janani Devi R Jayaprakash M

**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	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:**

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)

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

In the Global sales analysis the average velocity of our team is,

$$AV = 20/6 = 3.34$$

**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.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

**Reference:**

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>