# Project Planning Phase

## (Product Backlog, Sprint Planning , Stories & Story points)

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|---|---|
| **Date** | **3 NOVEMBER 2022** |
| **Team ID** | **PNT2022TMID27950** |
| **Project Name** | **Global Sales Data Analytics** |
| **Maximum Marks** | **8 Marks** |

## Product Backlog, Sprint Schedule, and Estimation (4 Marks)

| Sprint | Functional Requirement | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|
| Sprint-1 | Login and data collection | User: register for the application by entering email, password<br><br>I need to gather the data in the form of CSV files | 20 | Medium | Swarnashree, Purvareshmi, Sandhya, Sri Gayatri |
| Sprint-2 | Data preparation and visualization | I will upload the data to IBM Cognos<br><br>Then visualize the data in the form of charts and graphs for the upcoming analysis purpose | 20 | Medium | Swarnashree, Purvareshmi, Sandhya, Sri Gayatri |

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|---|---|---|---|---|---|
| Sprint-3 | Creating dashboard | To gain insights from the charts/graphs through a variety of interconnections or relations that Established between the data using dashboard. | 20 | Medium | Swarnashree, Purvareshmi, Sandhya, Sri Gayatri |
| Sprint-4 | Final report after complete analysis | To prepare the analysis about the customer's favourites and preferences, highly watched, and most preferred subscription package<br><br>How to improve productivity through recommendations and few more information as a Report | 20 | High | Swarnashree, Purvareshmi, Sandhya, Sri Gayatri |

## Project Tracker, Velocity & Burndown Chart:

| Sprint | Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) |
|---|---|---|---|---|
| Sprint-1 | 20 | 4 days | 4 Nov 2022 | 7 Nov 2022 |
| Sprint-2 | 20 | 4 days | 8 Nov 2022 | 11 Nov 2022 |
| Sprint-3 | 20 | 4 days | 12 Nov 2022 | 15 Nov 2022 |
| Sprint-4 | 20 | 4 days | 16 Nov 2022 | 19 Nov 2022 |

**Velocity:**

- As we have a 16 days sprint duration and the velocity of the team is 20 (points per sprint).
- To calculate the team's average velocity (AV) per iteration unit (story points per day)

AV = Sprint Duration / Velocity = 16 / 20 = 0.8

## Burndown Chart:

Burndown charts are a popular tool used in Agile and Scrum. And there is no doubt about it. They're giving a **clear understanding of progress on release** in real-time and are great for **tracking remaining time or effort** required to deliver release. In other words, you'll be able to see if your release is on track, ahead or behind simply by checking this chart.