# Project Planning Phase

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

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|---|---|
| Date | 25 October 2022 |
| Team ID | PNT2022TMID00352 |
| Project Name | Global Sales Data 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 | User enrollment | USN-1 | As a user, I can enroll into my profile using gmail or google business. | 2 | High | 4 |
| Sprint-1 | User confirmation | USN-2 | As a user, I can get my authentication via OTP by means of email or mobile number. | 1 | High | 4 |
| Sprint-1 | User Login | USN-3 | As a user, I can login my profile by giving email id and password. | 2 | Low | 1 |
| Sprint-2 | User Input | USN-4 | As a user, I can give my sales data with the valid format into the cloud. | 2 | Medium | 2 |
| Sprint-2 | Data Validation | USN-5 | As a user, I can process my given data and check whether the data is cleaned and orginal (no duplication). | 1 | High | 4 |
| Sprint-2 | End user benefits | USN-6 | As a user, I can get my data in high accuracy and gain knowledge about the entire data analysis. | 1 | High | 4 |
| Sprint-3 | Dashboard | USN-7 | I can get all my TO DO lists and features at an instant in the dashboard. | 2 | Medium | 2 |
| Sprint-4 | Offline analysis | USN-8 | I can get my process my sales data in offline mode also. | 2 | High | 4 |
| Sprint-4 | Overall | USN-9 | Identifying profit , loss and demand of a particular product by analysing the entire data via this application. | 2 | High | 4 |

**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 | 3 Days | 2 Oct 2022 | 5 Oct 2022 | 20 | 25 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 7 Oct 2022 | 12 Oct 2022 | 20 | 25 Oct 2022 |
| Sprint-3 | 20 | 5 Days | 13 Oct2022 | 18 Oct 2022 | | 25 Oct 2022 |
| Sprint-4 | 20 | 5 Days | 20 Oct 2022 | 25 Oct 2022 | | 25 Oct 2022 |
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**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)

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