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

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|---|---|
| Date | 14 November 2022 |
| Team ID | PNT2022TMID51329 |
| Project Name | Project- Global Sales Data Analytics |
| Maximum Marks | 8 Marks |

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

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Simulation creation | USN-1 | Connect Sensors and Arduino with python code | 2 | High | R.G.Deepika D.R.Jerisha K.Monisha K.Krishna veni |
| Sprint-2 | Software | USN-2 | Creating device in the IBM \jupyter notebook,statistical analysis software,MySQL,tableau | 2 | High | R.G.Deepika D.R.Jerisha K.Monisha K.Krishna veni |
| Sprint-3 | Proposed solution | USN-3 | Develop an application for the global sales data analytics inventor | 2 | High | R.G.Deepika D.R.Jerisha K.Monisha K.Krishna veni |

| Sprint-3 | Dashboard | USN-3 | Design the Modules and test the app | 2 | High | R.G.Deepika<br>D.R.Jerisha<br>K.Monisha<br>K.Krishna veni |
| Sprint-4 | Technology architecture | USN-4 | To make the user to interact with software. | 2 | High | R.G.Deepika<br>D.R.Jerisha<br>K.Monisha<br>K.Krishna veni |

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

| Sprint | Total Story Points | Duration | Sprint StartDate | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date(Actual) |
|---|---|---|---|---|---|---|
| Sprint-1 | 20 | 7 Days | 30 Oct 2022 | 06 Nov 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 9 Days | 31 Oct 2022 | 09 Nov 2022 | | 05 Oct 2022 |
| Sprint-3 | 20 | 6 Days | 06 Nov 2022 | 13 Nov 2022 | | 12 Oct 2022 |
| Sprint-4 | 20 | 6 Days | 11 Nov 2022 | 17 Nov 2022 | | 15 Oct 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)

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