

Project Planning Phase

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

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|---------------|---------------------------------------|
| Date | 29 October 2022 |
| Team ID | PNT2022TMID46131 |
| Project Name | Project - 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 | Registration | USN-1 | As a user, I need valid credentials to log in to my software. | 5 | High | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 1 | Data Preparation | USN-2 | As a user, I need to upload my data to the software and the application must accept CSV/XLS files. | 10 | High | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 1 | Data Preparation | USN-3 | As a user, I must prepare my data in order to avoid discrepancies while visualizing. | 5 | High | Krishna veni, Vanisri, Anandhi, Keerthika |

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|----------|-----------|-------|---|----|--------|--|
| Sprint 2 | Dashboard | USN-4 | As a user, I want filters so that I can view particular statistics of the worldwide sales data in relation to appropriate profitability. | 7 | Medium | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 2 | Dashboard | USN-5 | As a user, I must plan visualizations in a way that I'm able to gain insights regarding the sales based upon the category of sales and the respective region. | 7 | Medium | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 2 | Dashboard | USN-6 | As a user, I must be able to gain insights from the charts/graphs through a variety of relationships established in the dashboard. | 6 | Medium | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 3 | Report | - | Report Generation | 20 | Low | Krishna veni, Vanisri, Anandhi, Keerthika |
| Sprint 3 | Story | - | Story Preperation | 20 | Low | Krishna veni, Vanisri, Anandhi, Keerthika |

Project Tracker, Velocity & Burn down 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 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29-10-2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | | |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 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)

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

