Project Planning Phase

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

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| Team ID | PNT2022TMID00458 |
| Project Name | Retail Store Stock Inventory Analytics |
| Maximum Marks | 8 Marks |

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

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| **Sprint** | **Functional Requirement (Epic)** | **User**  **Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Dashboard | USN-1 | I provide the information about the employees who work for our company as a user for the attrition detail. | 5 | High | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-1 |  | USN-2 | I will examine the dataset as an Analyst and carry out exploratory data analysis in Cognos Analytics. | 3 | High | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-2 | Report | USN-3 | I want minimal, simpler visualisations that report certain events as a user. | 2 | Low | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-2 |  | USN-4 | I'll create a report using Cognos Analytics as an analyst. | 3 | Medium | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-3 | Story | USN-5 | As a user, I can only comprehend the Analysis in an animated dataset display. | 3 | Medium | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-3 |  | USN-6 | I utilise Cognos Analytics as an analyst to produce an animated presentation (story) using the dataset. | 3 | Medium | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |

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| Sprint-4 | Predictive Analysis | USN-7 | I want to use the dataset as a user to forecast the company's attrition rate. | 5 | Medium | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |
| Sprint-4 |  | USN-8 | As an Analyst, I'll carry out Prediction Analysis using a variety of Python modules. | 3 | High | Johina.L , Aishwarya.D, Angelin Varsha Roy, Dikshitha.S |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **`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 | 5 | 6 Days | 27 Oct 2022 | 01 Nov 2022 | 5 | 01 Nov 2022 |
| Sprint-2 | 5 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 5 | 05 Nov 2022 |
| Sprint-3 | 5 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 5 | 12 Nov 2022 |
| Sprint-4 | 5 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 5 | 19 Nov 2022 |

We have an 6-day sprint duration, and the velocity of the team is 5 (points per sprint). To calculate the team’s average velocity (AV) per iteration unit (story points per day)

# AV=SPRINT DURATION/VELOCITY

**=6/5**

# =1.2

