

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

Date	18 October 2022
Team ID	PNT2022TMID16001
Project Name	Gas Leakage Monitoring & Alerting system for Industries
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	Monitor the gas leakage	USN-1	The workers have family so the industries give security assurance of workers.	20	Low	Sathyageetha S
Sprint-2	Avoid From Disaster	USN-2	The gas leakage occur at the time fire service will take care to protect the people from the disaster.	20	Medium	Sneha B
Sprint-3	Detect the gas	USN-3	To avoid leakage,the industry have quality pipes to transfer the gas and proper maintenance service once in a month.	20	Medium	Sowmia K S
Sprint-4	The model is trainedand tested by sampledataset.	USN-4	The programmer design the model to detect the gas leakage.	20	High	Srinidhi J

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Sprint 1: 1 user stories x 20 story points = 20

Sprint 2: 1 user stories x 20 story points = 20

Sprint 3: 1 user stories x 20 story points = 20 Sprint

4: 1 user stories x 20 story points = 20

Total = 80

Average sprint velocity is $80 \div 4 = 20$.

Burndown Chart:

A burn down chart is a graphical representation of **”WORK LEFT to do versus TIME”**. It is the amount of work that has been completed in a sprint or sprint and the total work remaining . burndown charts are used to predict your teams likelihood of completing their work in the time available.