Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	09 November 2022
Team ID	PNT2022TMID21386
Project Name	Project – Gas Leakage Monitoring and Alerting System
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	To find the gas leakage	USN-1	The business owner takes the required precautions to protect his employees or a person who wishes to protect their family from an explosion.	2	High	Muthu Veni V Nandhini P Senthilkumar C Swetha K
Sprint-1	Preventin gfrom explosion	USN-2	Explosions caused by gas leaks, which could result in many fatalities.	1	High	Muthu Veni V Nandhini P Senthilkumar C Swetha K
Sprint-2	To detect the gas leakage	USN-3	To detect the gas leakage we may use the gas sensors and alerting system.	2	Low	Muthu Veni V Nandhini P Senthilkumar C Swetha K
Sprint-3	Testing and training of themodel device	USN-4	By using the dataset as training data, the programmer can create a model for gas leak detection	2	Medium	Muthu Veni V Nandhini P Senthilkumar C Swetha K
Sprint-4	Alerting system	USN-5	The model's ability to detect gas leaks allows for an alarming system and store all the details in blynk app.	1	High	Muthu Veni V Nandhini P Senthilkumar C Swetha K

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint StartDate	Sprint EndDate (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