Project Development Phase Sprint-4

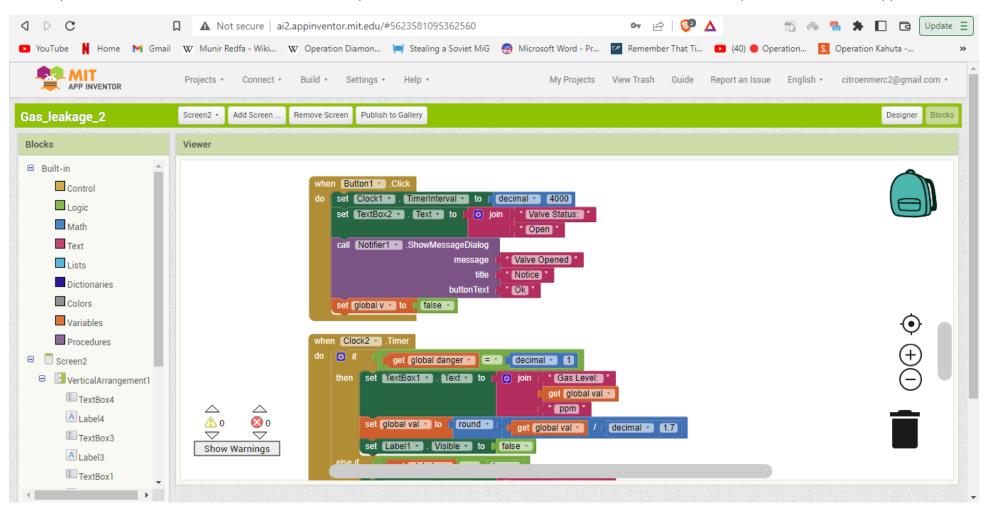
Date	19 November 2022
Team ID	PNT2022TMID35841
Project Name	Gas Leakage Monitoring and Alerting System

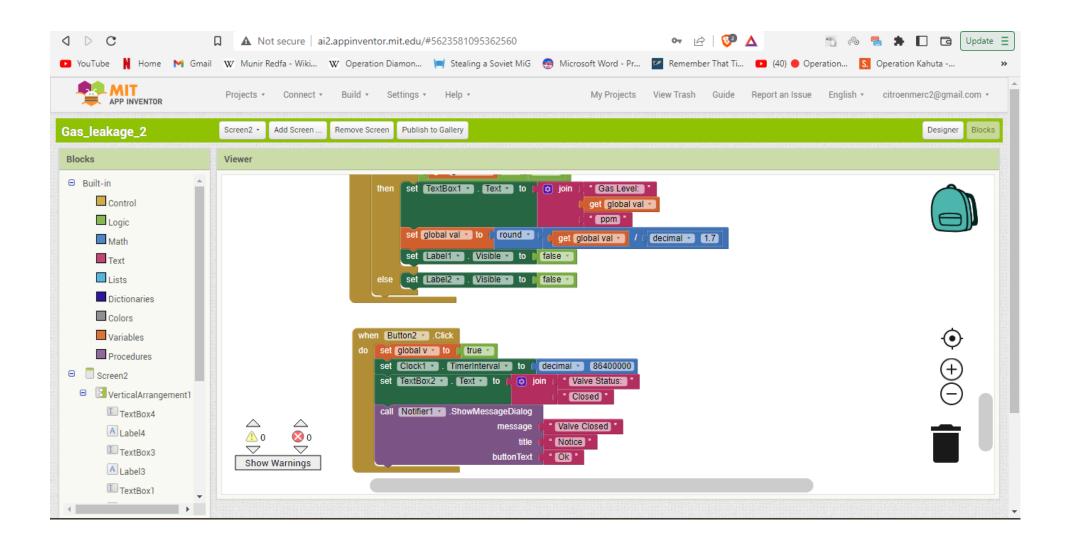
Sprint Target:

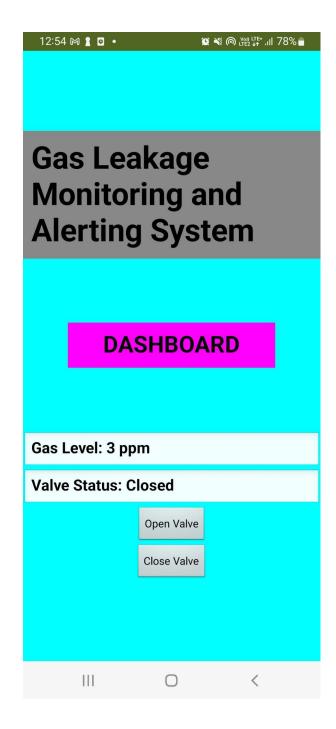
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Storage	USN-7	As a user, I can access data from cloud using interactive UI.	10	High	SUDARSHAN A R, B ADITYA, C PRADUMNA
		USN-8	As a user, I can experience enhanced features and highly sensitive gas leakage detection	10	Medium	SUDARSHAN A R, B ADITYA, C PRADUMNA

Introduction:

In this Sprint-4, we have added functionalities of the Open Valve and Close Valve buttons. With this feature we improved the UI of the app.

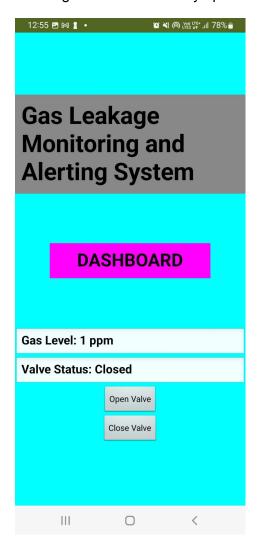


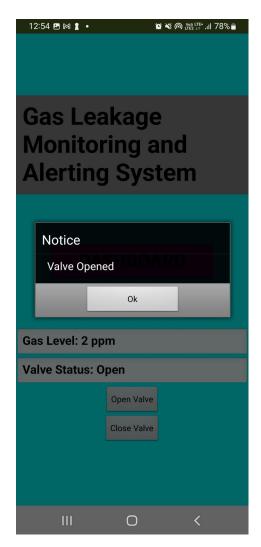


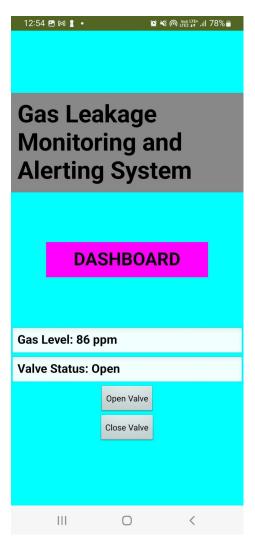


Open Valve:

If the consumer wants to manually open the valve, they can do so using the Open Valve button. In this figures below, initially the valve is closed following which it is manually opened using the Open Valve.







Close Valve:

If the consumer wants to manually close the valve, they can do so using the Close Valve button. In this figures below, initially the valve is open following which it is manually closed using the Close Valve. The gas concentration reduces to a minimum value of 3 ppm.

