Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID53114
Project Name	Project - VirtualEye
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
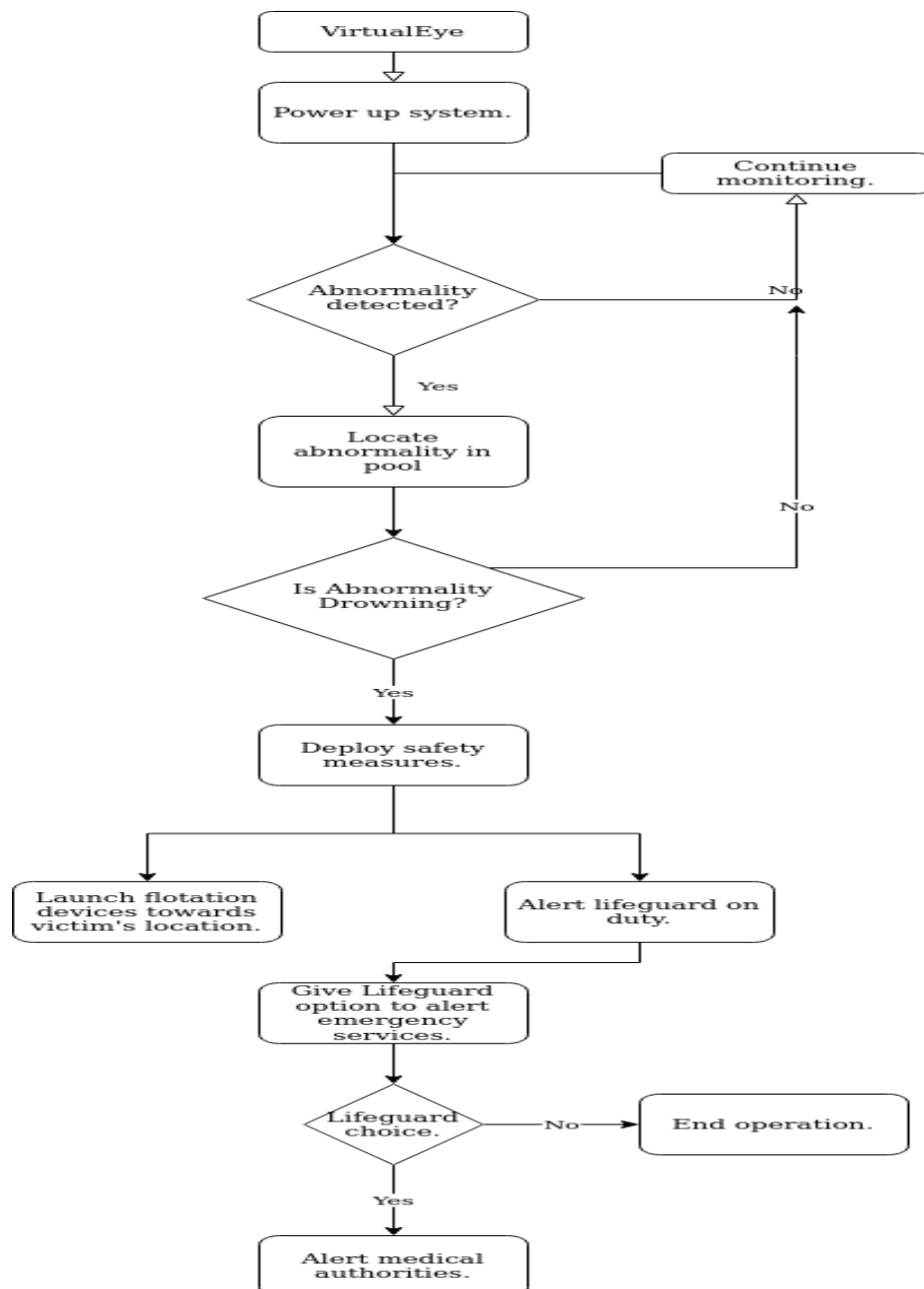
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Pool Owner	Installer	USN-1	As a user, this has increased safety measures at my local pool and has increased the amount of customers my pool gets around this time of the year. My pool has never seen this much activity and I am thankful to VirtualEye for that.	I can install this system and save myself from legal disputes as I have illegally constructed the pool to be 181.7 cm which is deeper than the regulated 180.8 cm.	High	Sprint-1
Lifeguard Secondary User	User	USN-2	As a user, I receive alerts from the system to rescue victims. I immediately alert the authorities if need be and also rescue the helpless victims from losing their lives.	I can receive alerts from the system and save another amateur swimmer from drowning in the deep end, which will hopefully discourage them from trying things they're not capable of doing.	High	Sprint-1
Swimmer Tertiary User	Rescued	USN-3	As a user, I am thankful to the system for alerting the lifeguard on duty at the right time.	I can swim freely in the deep end knowing that if I were to potentially drown, VirtualEye will make the lifeguard do his job.	Low	Sprint-2