

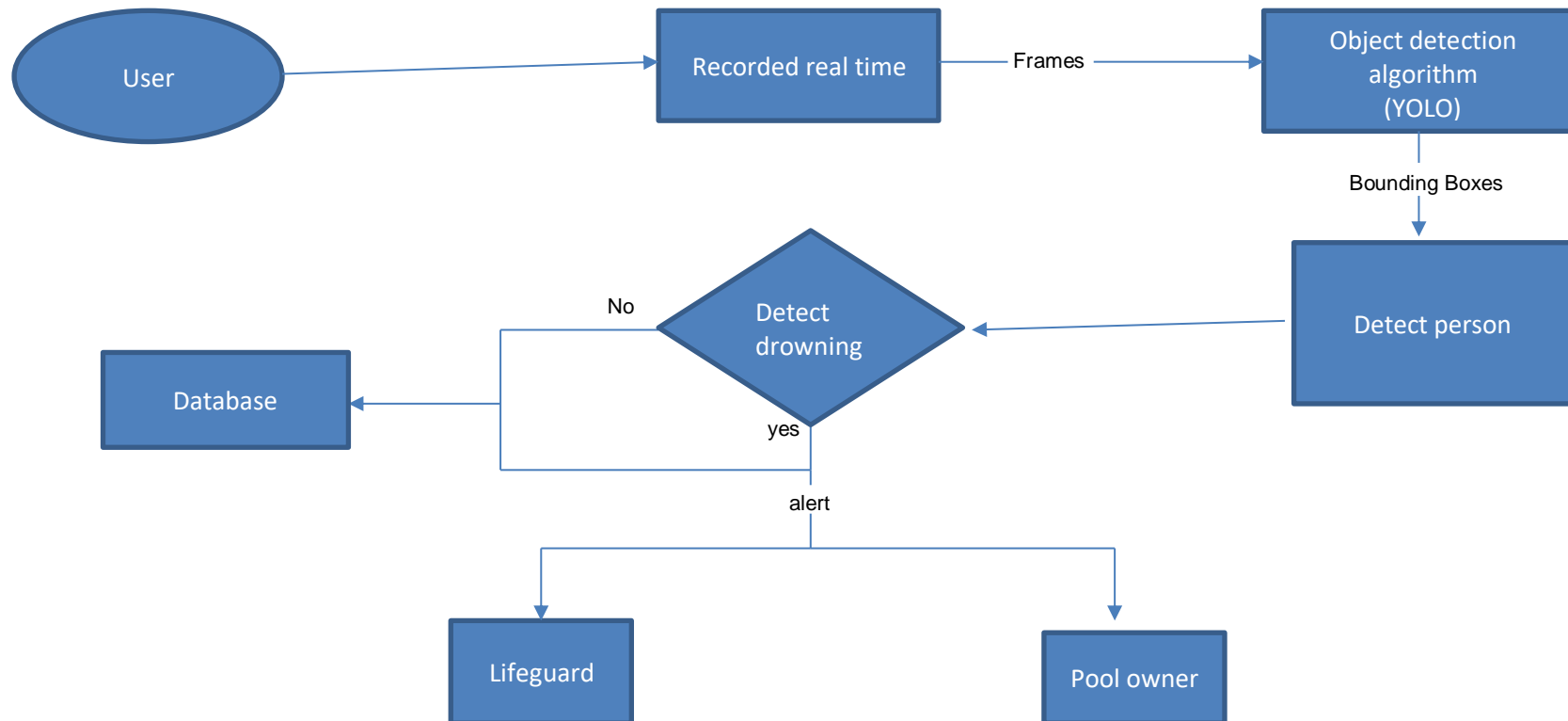
Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID47734
Project Name	Project - VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
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

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (pool owners)	Installation of devices	USN-1	As the owner of the pool I can install cameras on my pool and can set the drowning detection system.	I can connect the camera to the database	High	Sprint-1
Customer (Lifeguard)	Detecting drowning	USN-2	As a user, I can detect if whether someone is drowning or not	I will receive an alert which notifies me.	High	Sprint-1
	Rescue	USN-3	As a user, on receiving the alert I can rescue the drowning victim	I can rescue the drowning person	High	Sprint-1
Customer (Swimmer)	Safety	USN-4	As a user, I can swim without an worry.	I can swim with the assurance of the system and the lifeguard	Medium	Sprint-2
Customer Care Executive	Contact	USN-5	Technical issues are resolved	I can call the customer care executive to resolve the issues	Medium	Sprint-3
Administrator	Dashboard	USN-6	Drowning detection system management and Database management	I can access all the data in the system anytime	High	Sprint-4