

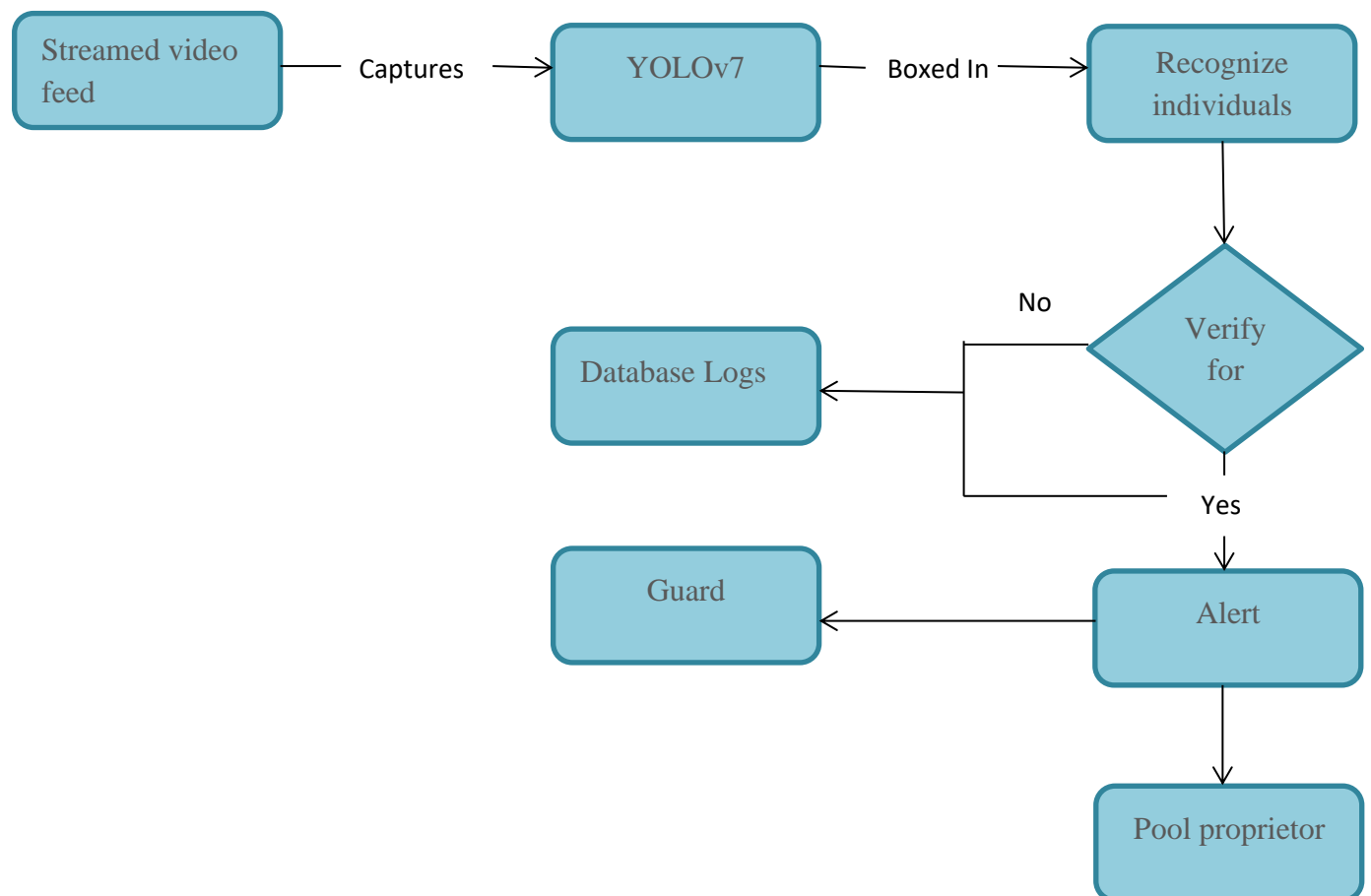
Project Design Phase-II

Data Flow Diagram & User Stories

Date	11 November 2022
Team ID	PNT2022TMID20743
Project Name	Virtual Eye - 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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Pool Proprietor)	Installation	USN-1	As a pool Owner, I can install the cameras and set up the drowning detection system.	I can attach the cameras to the software housed in the cloud.	High	Sprint-1
	Finding the drowned victims	USN-2	I can locate drowning people as a user by using the drowning detection system.	If someone is intoxicated, I'd get a warning.	High	Sprint-1
	Alert the lifeguard	USN-3	As a user, When the system notices a person drowning, can alert the lifeguard.	I can programme an alarm to alert the lifeguard.	High	Sprint-2
Customer (Divers)	Safety	USN-4	As a user, I can swim without worrying about drowning.	With the aid of the system and the lifeguard, I can dive effectively.	Medium	Sprint-2
Customer (Guard)	Rescue victims	USN-5	As a user I can save people who are drowning in the pool.	I can save the individual who is suffocating.	High	Sprint-2
Customer Care Executive	Notify	USN-6	Fix technological problems.	To fix any problems, I can get in touch with the customer service representative.	Medium	Sprint-3
Administrator	Dashboard	USN-7	Database management and drowning detection system administration.	I have immediate access to all data and system records.	High	Sprint-4