

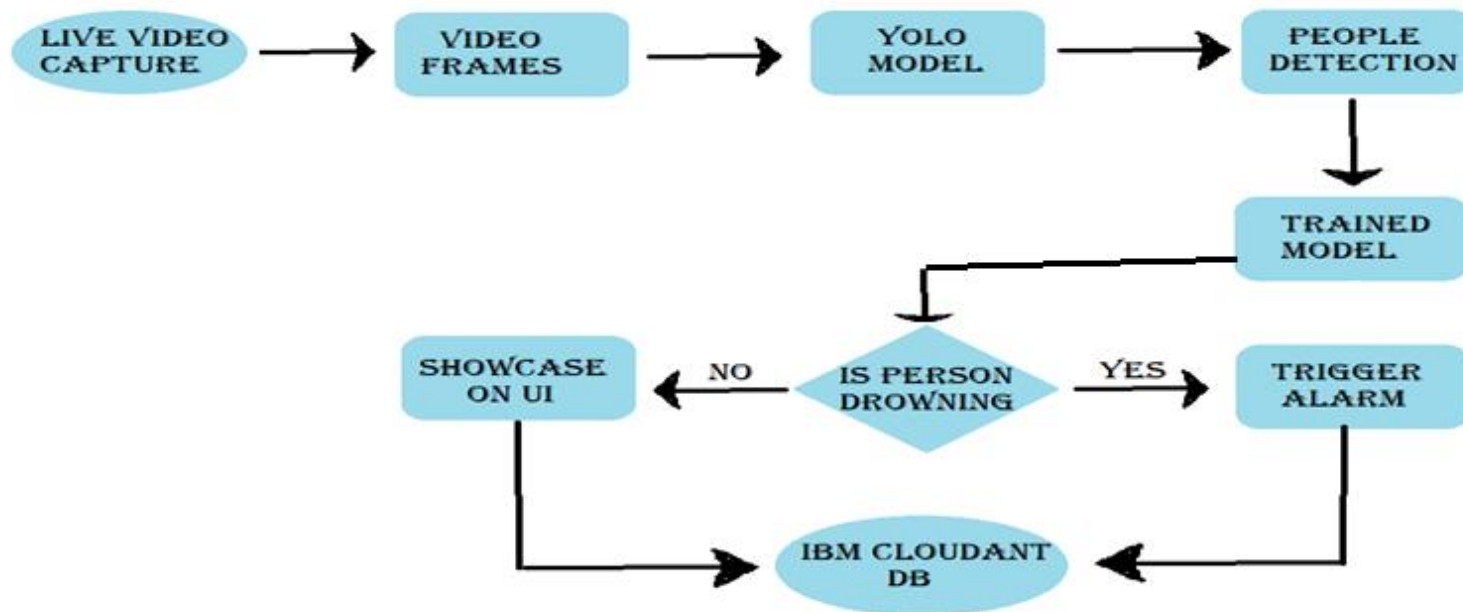
## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	28 October 2022
Team ID	PNT2022TMID24428
Project Name	Project - Virtual Eye – Lifeguard 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 owner)	Registration	USN-1	They set the camera and install and configure the system in swimming pools	I can connect the cameras to the cloud-hosted software	High	Sprint-1
	Detecting the drowning persons	USN-2	As a user, I will receive confirmation email once I have registered for the application	Camera surveillance	High	Sprint-1
	Alarm rings	USN-3	As a user, I can find the drowning persons by using the drowning detection system	I can set up an alarm that would notify the lifeguard.	Low	Sprint-2
Customer (Lifeguard)	Rescue people	USN-1	As a user, I can rescue the drowning persons from the poo	I can save the drowning person	High	Sprint-2
Customer Care Executive	Contact	USN-5	resolve technical issues	I can contact the customer care executive to resolve any issues	High	Sprint-3
Administrator	Register	USN-5	Register into the application	Admin can access the account	Medium	Sprint-3
	Login		Login and manage the application. Stores the database	Manage system. Storage the database	Medium	Sprint-3