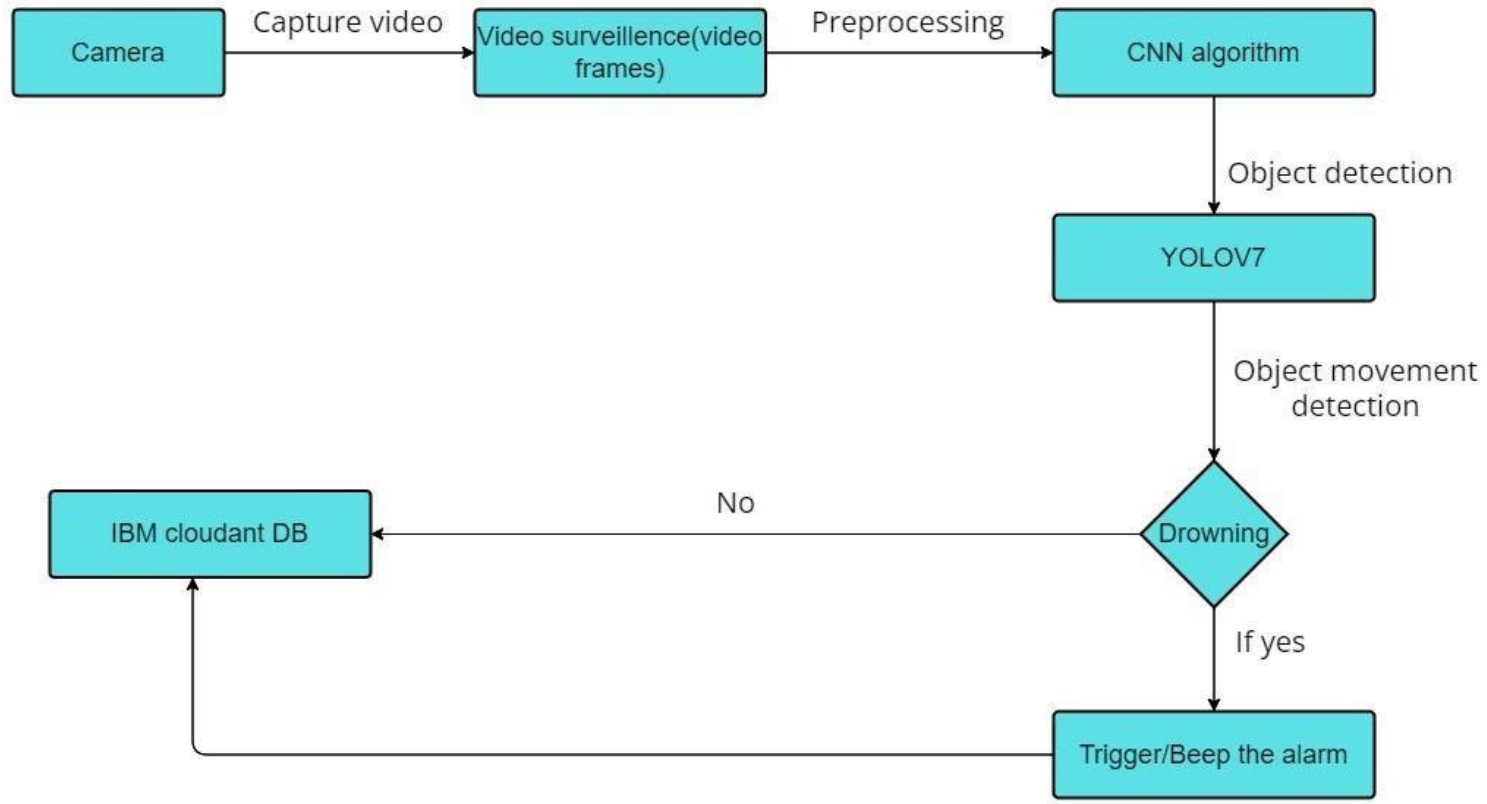
Project Design Phase-II
Data Flow Diagrams &user stories

Date	14 October 2022
Team ID	PNT2022TMID39919
Project Name	VIRTUAL EYE - LIFE GUARD FOR SWIMMING POOLS TO DETECT ACTIVE DROWNING
Maximum Marks	4 Marks

Data Flow Diagram:



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 (Supervisor)	Installation	USN-1	They set the camera and install and configure the system in swimming pools	The software is installed and cameras are setup	High	Sprint-1
	Pre-processing	USN-2	Train and test the model	Train the model by using datasets	High	Sprint-1
	Detection of drowning	USN-3	The swimmers can be monitored by cameras	Camera surveillance	High	Sprint -2
		USN-4	Swimmers can be detected through their actions	Detection of drowning	High	Sprint-2
	Alarm rings	USN -5	Alarm rings When the system detects drowning person	Alert the lifeguard	High	Sprint-3
Lifeguard	Saves the person	USN-6	The Lifeguard saves the swimmer who is drowning once the alarm rings	Saves the life of people	High	Sprint-3

Administrator	Register	USN-7	Register into the application	Admin can access the account	Medium	Sprint-2
	Login	USN-8	Login and manage the application	Manage system	Medium	Sprint-2
		USN-9	Stores the database	Storage the database	Medium	Sprint-2