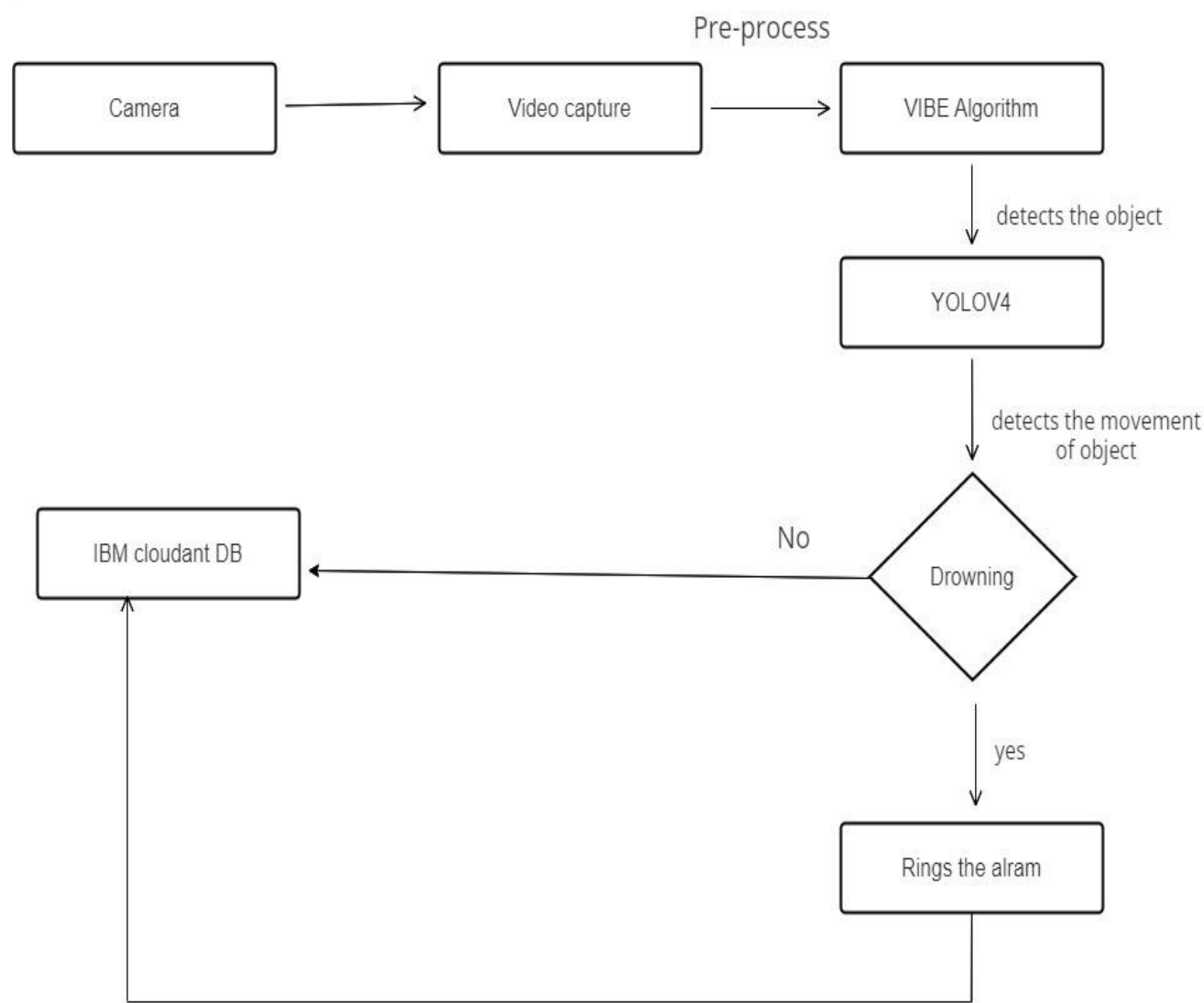


Date	14 October 2022
Team ID	PNT2022TMID30129
Project Name	VIRTUAL EYE - LIFE GUARD FOR SWIMMING POOLS TO DETECT ACTIVE DROWNING
Maximum Marks	4 Marks

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 in the device	High	Sprint-1
	Pre-processing	USN-2	Train and test the device	Train the model by using datasets	High	Sprint-1
	Detection of drowning	USN-3	The swimmers are monitored by the device which is connected to band	Camera surveillance	High	Sprint -2
		USN-4	Swimmers are detected by their actions and device connected	Detection of drowning	High	Sprint-1
	Alarm rings	USN -5	Alarm rings When the system detects abnormal behaviour of a person	Alert the lifeguard	High	Sprint-3
Trainer	Saves the person	USN-6	The trainer saves the swimmer who alarm rings	Saves the life of people	High	Sprint-3
Administrator	Register	USN-7	Register into the application and confirm the registration by OTP send	Admin can access the account	Medium	Sprint-2
	Login	USN-8	Login and manage the application and allow sensor to track the location	Manage system	Medium	Sprint-2
		USN-9	Tracks the location	Storage the database	Medium	Sprint-2