

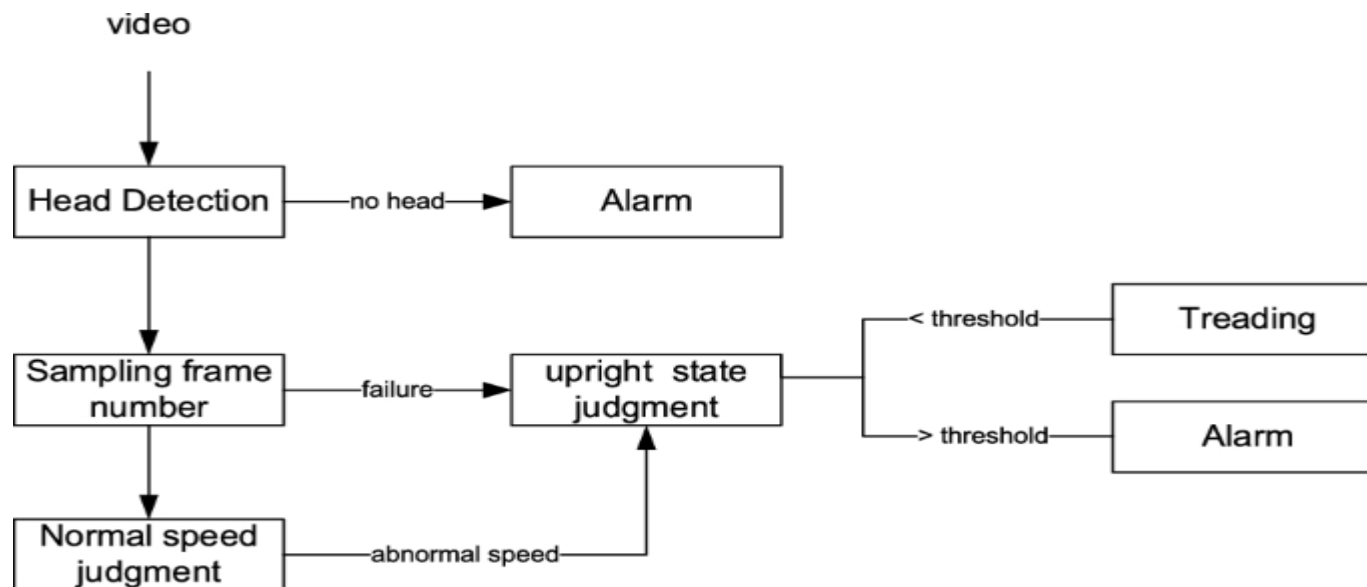
## Project Design Phase-II

### Data Flow Diagram & User Stories

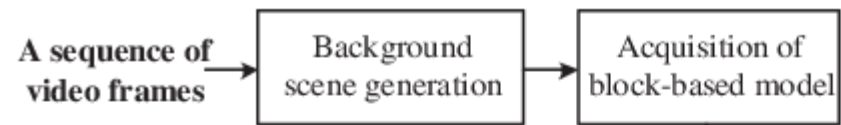
Date	05 November 2022
Team ID	PNT2022TMID00309
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

#### Data Flow Diagrams:

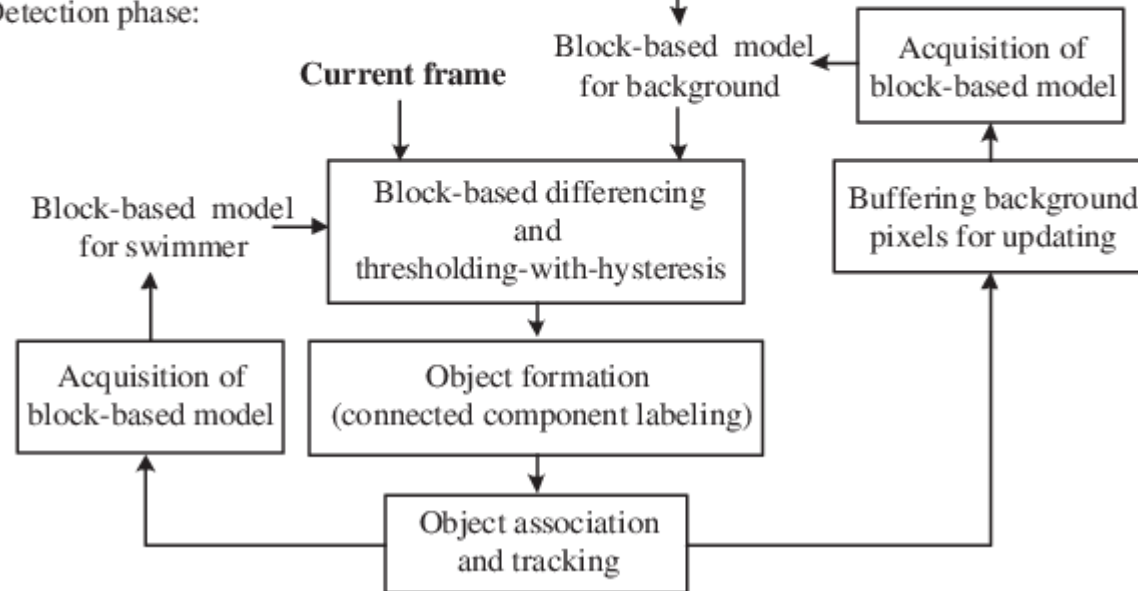
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



Learning phase:



Detection phase:



## 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)	Installation	USN-1	As the pool owner, I can fix cameras underwater and in the ceilings along with the entire detecting system	Connect the cameras to cloud hosted software	High	Sprint-1
	Detection	USN-2	Workers will be fixed to act upon the trigger warning	Efficient workers will only be selected	High	Sprint-1
Customer (Lifeguard)	Support	USN-3	I will be aware and conscious to immediately rescue when there is an alert	Alarms are set to intimate	Low	Sprint-2
Customer (swimmers)	Safety	USN-4	As a user, I can swim without any fear	Presence of reliable system is acceptable	Medium	Sprint-1
	Security	USN-5	As a user, I wish the video feeds are not used for any other purposes	Assurance from the pool owner	Medium	Sprint-1
Customer Care Executive	Repair/Queries	USN-6	I will provide the necessary technical support whenever necessary	Can contact the given number	Low	Sprint-3
Administrator	Maintenance	USN-7I	I will do all the database management	Can access the data feed	High	Sprint-4