Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 November 2022
Team ID	PNT2022TMID48119
Project Name	Virtual-Lifeguard for Swimming Pools to Detect the 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
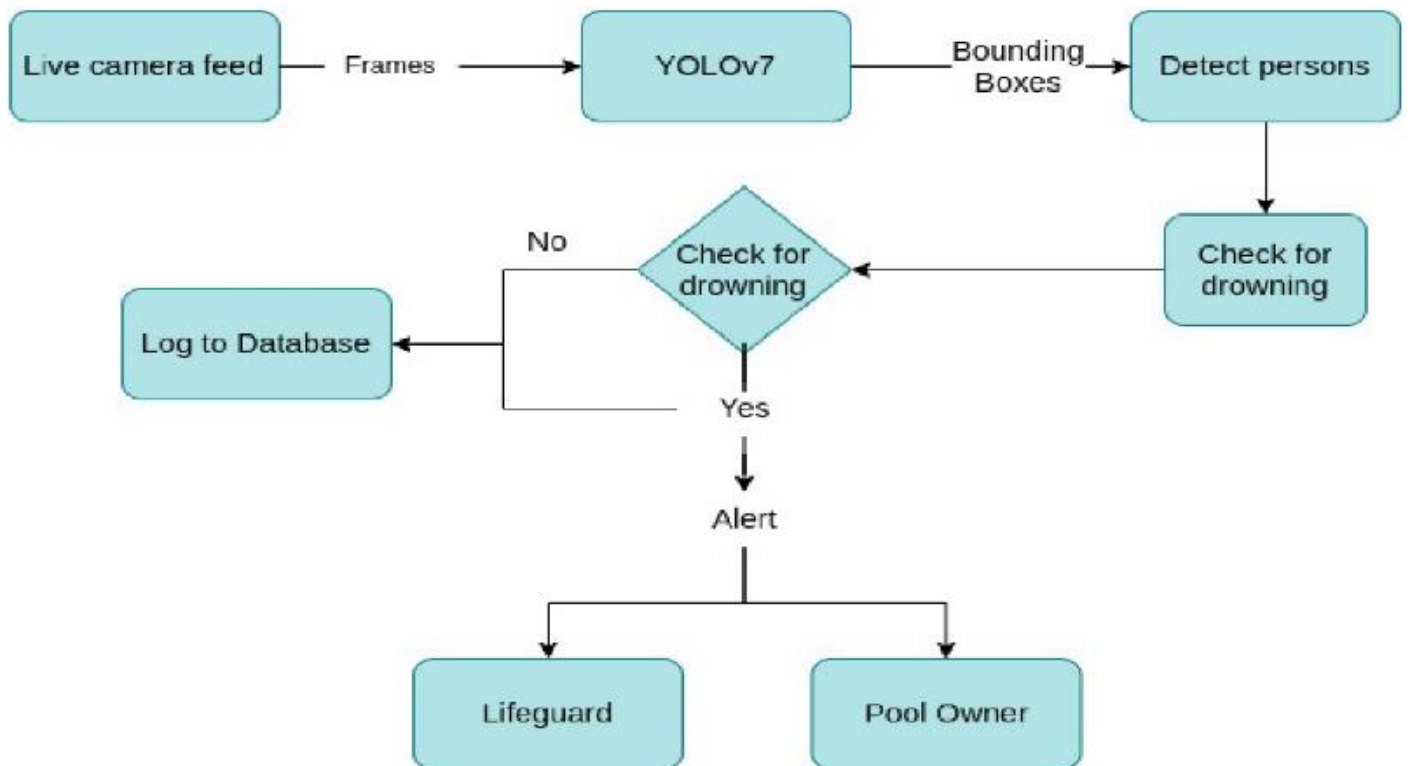
User stories:

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)	Installation	USN-1	Install the camera inside the underwater, connect necessary app in the phone or other device	I can cameras to the IBM cloud DB	High	Sprint-1
Customer (Lifeguard	Secure the people	USN-2	As a user, I can secure the drowning persons from the pool	I can save the drowning person	High	Sprint-1
Customer (swimmers)	safety	USN-3	As a user, I can swim inside the underwater without fear of the drowning	I can swim safely	medium	Sprint-2
Customer care (Executive)	Contact	USN-4	As a user, I Can resolve if any problem occurs with any device technically	I can contact the customer care executive to resolve any issues	Medium	Sprint-3
Administrator	Dashboard	USN-5	Management of the drowning detection system and database management	I can access the system's logs and any other data instantly	High	Sprint-4