**Project Design Phase-II**
**Data Flow Diagram & User Stories**

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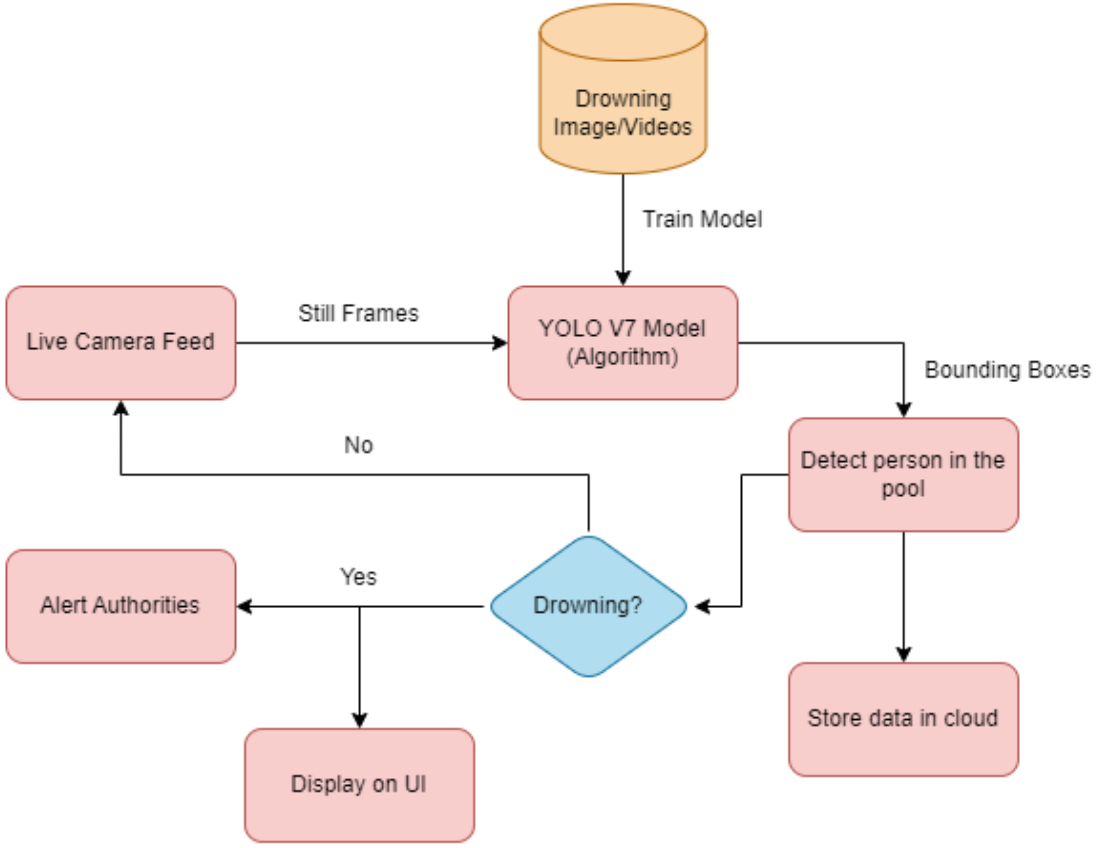
|---|---|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID35350 |
| Project Name | Project - VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 4 Marks |

## Data Flow Diagram



## User Stories

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 a pool owner, I can install cameras and setup the Drowning Detection System | I can connect the cameras to the cloud hosted software | High | Sprint-1 |
| | Detecting drowning people | USN-2 | As a user, I can find people in distress using the Drowning Detection System | I will receive an alert if a person is in distress | High | Sprint-1 |
| Customer (Lifeguard) | Monitor the pool | USN-3 | As a user, I can use the Drowning Detection System to monitor people in the pool | I can save the drowning person | High | Sprint-1 |
| Customer (Swimmers) | Safety | USN-4 | As a user, I can swim in the pool without fearing for my safety | The Drowning Detection System alerts the lifeguard when I am in distress | High | Sprint-1 |
| Customer Care Executive | Contact | USN-5 | As a user, I can resolve technical issues | I am able to provide assistance when swimmers are in distress | Medium | Sprint-2 |
| Administrator | Dashboard | USN-6 | As a user, I manage the Drowning Detection System and the database | I can access the system's log and associated data immediately | High | Sprint-3 |