

# Project Design

## Phase-I

### Solution Architecture

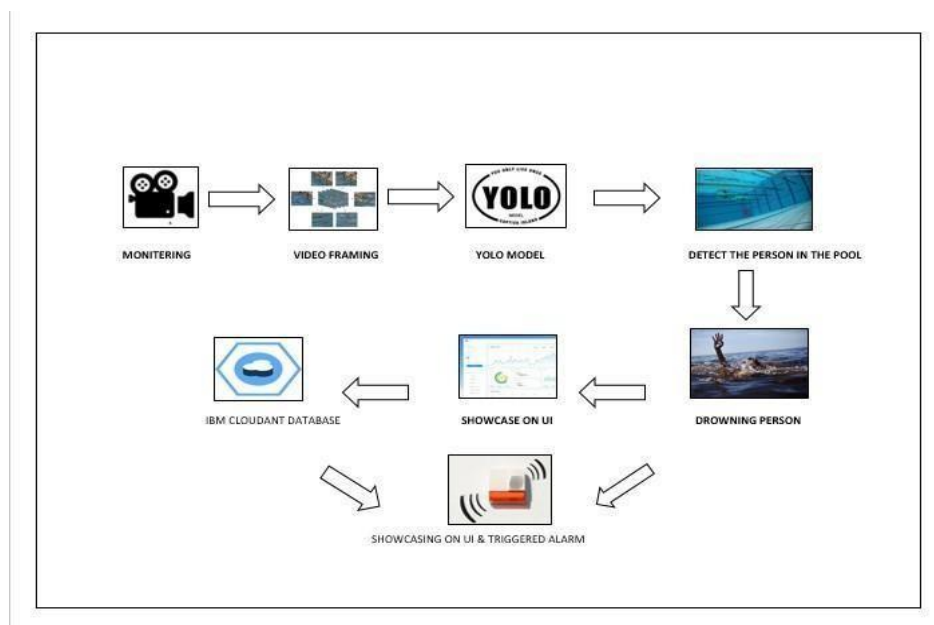
|               |   |
|---------------|---|
| Date          | 19 September 2022   |
| Team ID       | PNT2022TMID37506  |
| Project Name  | Project - Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 4 Marks   |

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behaviour, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

### Example - Solution Architecture Diagram:



*Architecture and data flow of the patient who drowns in swimming pools*

Reference: <https://www.angeleye.tech/us/us-lifeguard/>