

## Project Design Phase-I Solution Architecture

Date	19 October 2022
Team ID	PNT2022TMID06197
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

### Solution Architecture:

- During the training phase annotated datasets are collected, pre-processed and fed to build the model
- During the detection phase, the sequence of frames of the swimmers is fed to the model to classify them as either drowning or not drowning.
- If the result is “Drowning” then an alarm will go on and alert the life guards.
- Finally all the log data will be stored in the IBM Cloudant Db.

### Diagram:

