Project Design Phase-I
Solution Architecture

Date	28 October 2022
Team ID	PNT2022TMID48119
Project Name	Virtual-Lifeguard for Swimming Pools to Detect the Active Drowning
Maximum Marks	4 Marks

Solution Architecture:

- To find underwater movement while person in drowning they have any
  Problem or anything else we will find the solution using the Artificial Intelligence (AI) detection technology.

- Usually, such systems can be developed by installing more than 16 cameras underwater and ceiling and analyzing the video feeds to detect any anomalies. AS a POC we make use of one camera that streams the video underwater and analyses the position of swimmers to assess the probability of drowning, if it is higher then an alert will be generated to attract lifeguards' attention.