

# Project Design Phase-I

## Proposed Solution Template

<b>Date</b>	22-09-2022
<b>Team ID</b>	PNT2022TMID08197
<b>Project Name</b>	VIRTUAL EYE-LIFE GUARD FOR SWIMMING POOLS TO DETECT ACTIVE DROWNING
<b>Maximum Marks</b>	

### Proposed solution:

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

S.No	Parameter	Description
1	Problem statement (problem to be solved)	How can we can save a person in deep water? Which method is best for saving a drowning person?
2	Idea / Solution description	Tossing a lifesaving device,rope,towel or even pool noodle helps the drowning person without increasing risk to others. Get backup-call 911 or inform others that someone is drowning. Alert lifeguards they're trained to assist.
3	Novelty / Uniqueness	<ol style="list-style-type: none"> <li>1. Safeguard and supervise children closely.</li> <li>2. Availability of surveillance of CCTV.</li> <li>3. Install a pool fence.</li> <li>4. Learn CPR.</li> </ol>
4	Social Impact / Customer Satisfaction	Designed for whom has to guarantee everyday the safety in public and intensive use pools,Angeleye lifeguard detects potential drownings and promptly notifies you.
5	Business Model (financial Benefit)	<ol style="list-style-type: none"> <li>1. Offer exciting and innovative technologies just like every other industry,the pool industry is seeing rapid advance in technology all the time.</li> <li>2. Selling value over price.</li> <li>3. Make an online presence.</li> <li>4. Variety.</li> </ol>
6	Scalability of Solution	<ol style="list-style-type: none"> <li>1. Test regularly to ensure that calcium hardness levels are between approximately 200 to 400 parts per million.</li> <li>2. Ensure that brushing the pool walls is part of the routine maintenance program.</li> </ol>