Project Title: Virtual Eye-Life Guard for Swimming Pools to Detect Active Drowning

Team ID: PNT2022TMID00309

1. CUSTOMER SEGMENT(S) working parents of kids under Six CS fit into CC	6. CUSTOMER CONSTRAINTS spending power, budget, no cash, network connection, available devices.	5. AVAILABLE SOLUTIONS Learning basic swimming Wear a life jacket Supervise closely	Explore AS, differentiate
2. JOBS-TO-BE-DONE / PROBLEMS With the help of a Virtual eye (camera) which is connected to Artificial Intelligence(AI). By studying body movement pattern we can reduce the risk of drowning	9. PROBLEM ROOT CAUSE The most common cause of drowning in not knowing how to swim. Many adults and children will attempt to get into the water without proper swimming training	7. BEHAVIOUR Install drowning detector or call for emergency help	Focus on J&P, tap into BE, understand RC

3. TRIGGERS



People are triggered to act when they see that the ability to help the drowners has gone beyond the hands of the lifeguards nearby

4. EMOTIONS: BEFORE / AFTER



Before installing the system, the beginners would lose their balance, feel scared that they might drown and suffocate. But after deploying the virtual system, they feel secure and are open to swim without any fears

10. YOUR SOLUTION



The proposed system will study body movement patterns by connecting cameras to AI. Cameras have to be installed underwater and ceiling which doesn't replace the lifeguard but acts as an additional tool.

8. CHANNELS of BEHAVIOUR



8.1 ONLINE

The pool management can advertise that they've installed new safety system and would encourage people to come over

8.2 OFFLINE

The parents of kids who go to swim can spread good word about this system to their Circle of friends and relatives so that trust is built

