Project Design Phase-I
Problem – Solution Fit

Date	16 October 2022
Team ID	PNT2022TMID22019
Project Name	Virtual Eye - Life Guard For Swimming Pools To Detect Active Drowning
Maximum Marks	2 Marks

Problem – Solution Fit :

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

Children under six

6. CUSTOMER CONSTRAINTS

spending power, budget, no cash, network connection, available devices.

5. AVAILABLE SOLUTIONS

Fire fighters and trained swimmers

Explore AS, differen

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS

we make use of one camera that streams the video underwater and analyses the position of swimmers to assess the probability of drowning

9. PROBLEM ROOT CAUSE RC

customers have to do it because of the change in luxurious activities have drastically increased and polls have become common everywhere.

7. BEHAVIOUR BE

Install drowning detectors, or call for emergency help

Focus on J&P, tap into BE, understand RC

3. TRIGGERS TR

Seeing others install virtual eye on their swimming pools

10. YOUR SOLUTION SL

we make use of one camera that streams the video underwater and analyses the position of swimmers to assess the probability of drowning

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE

Ordering of drowning detectors, or pool lifeguards

8.2 OFFLINE

4. EMOTIONS: BEFORE / AFTER EM

Lost and insecure/confident and in control

Implementing them to wear them without fail