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J&P

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Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID00640

1. CUSTOMER SEGMENT(S)

Those who begin to learn swimming and professional swimmers i.e. kids above the age of 10 and adults experienced in swimming.

6. CUSTOMER CONSTRAINTS

Control access to water hazards entirely reduces water hazards exposure and risk

5. AVAILABLE SOLUTIONS

Construct and use a four-sided fence that fully encloses the pool and separates it from the house, with self closing and self latching gates.

2. JOBS-TO-BE-DONE / PROBLEMS

The protection devices provided for the swimmers should be worn and enable for signal by them at all time especially when in the pools.

9. PROBLEM ROOT CAUSE

Lack of close supervision

Failure to wear life jackets(especially for boating reaths)

Using alcohol around the water

7. BEHAVIOUR

RC

SL

In order to quickly help the lifesavers judge whether people are drowning in the swimming pool, by analyzing the spatial distribution of swimming pool when swimmers are normally swimming.

BE

3. TRIGGERS

This technology encourages even the budding swimmers to learn swimming even in the shallow areas.

10. YOUR SOLUTION

Wrist alarms sound when the wearer goes in the water. These devices won't work unless they are worn and the children are notorious for taking them off.

8. CHANNELS of BEHAVIOUR

8.1 ONLINE

They must wear the watches all the time when they are in swimming pools then only the online website tracks them

8.2 OFFLINE

Supervision must be done to prevent drowning

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