

# PROBLEM SOLUTION FIT

## VIRTUAL EYE

### Life Guard for Swimming Pools to Detect Active Drowning

#### 1. CUSTOMER SEGMENT(S)

Swimmers who are new to swimming, children and trainee.

#### 2. JOBS-TO-BE-DONE / PROBLEM

We employ a single camera that feeds underwater footage and evaluates the position of swimming to evaluate the likelihood of drowning

#### 4. CUSTOMER CONSTRAINTS

Expenditure capacity, financial constraints, a lack of accessible funds, and network connectivity.

#### 5. PROBLEM ROOT CAUSE

Customers are required to do it as a result of the rapid growth in opulent activities and the widespread use of polls.

#### 7. AVAILABLE SOLUTIONS

Trained swimmers and firefighters.

#### 8. BEHAVIOUR

Online:  
Ordering pool lifeguards or drowning detectors

Offline:  
putting things into practice to wear them without fail

<p><b>3. TRIGGERS</b></p> <p>Observing others set up virtual eyes to keep a watch on their pools</p>	<p><b>6. EMOTIONS: BEFORE / AFTER</b></p> <p>Confident and in charge/lost and uneasy</p>	<p><b>9. YOUR SOLUTION</b></p> <p>We employ a single camera to feed footage underwater, analyze swimmer positioning, and determine the likelihood of drowning</p>
--	--	---

**TEAM LEADER:**

Muthuaruna C

**TEAM MEMBERS:**

Jayarani M

Jayashri K K

Malini M