Project Title: Virtual Eye-Lifeguard for swimming pools to detect active Drowning Project Design Phase-I - Solution Fit Template Team ID: PNT2022TMID43216

Explore efine 5. AVAILABLE SOLUTIONS 1. CUSTOMER SEGMENT(S) 6. CUSTOMER CONSTRAINTS Which solutions are available to the customers when Who is your customer? What constraints prevent your customers from taking action or limit Swimming beginners and children of age six and above or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an AS, Water is much denser than air, so there is much more resistance preventing people from being able to move through it quickly and alternative to digital notetaking Building fences that fully enclose pools and supervise closely. In past there are only few apparatus that save the peoples. different It will have a additional level security. If the alert notification does not display on correct time, it may cause accidents. 9. PROBLEM ROOT CAUSE RC 7. BEHAVIOUR 2. JOBS-TO-BE-DONE / PROBLEMS What does your customer do to address the problem and get the Which jobs-to-be-done (or problems) do you address for your What is the real reason that this problem exists? job done? i.e. directly related: find the right solar panel installer, calculate usage customers? There could be more than one: explore different What is the back story behind the need to do this The customers would address flexibility, endurance and strength. i.e. customers have to do it because of the change in regulations. Setting the high level maintainance around the pool. Usage of pool is higher by conducting sports. Lethargy is one of the reason that this problem occurs. To avoid the dangerous situation and accidents it is necessary to Detection of video frames working is the most required to find the problem.

3. TRIGGERS

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

It builds endurance, muscle strength and cardiovascular fitness.



10. YOUR SOLUTION

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.



8. CHANNELS of BEHAVIOUR



9.4 ONLINE

What kind of actions do customers take online? Extract online channels from #7 Customers take action to call emergency when the person is on trouble

8.2 OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.



СН

4. EMOTIONS: BEFORE / AFTER How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure > confident, in control - use it in your communication strategy & design. Feeling insecure and fear to get into the event.	Customers take action offline by saving the person confidently because of lifeguard.