

Project Design Phase-I - Solution Fit

Project Title: VirtualEye- LifeGuard For Swimming Pools To Detect Active Drowning

Team ID: PNT2022TMID27282

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) The product is going to serve its purpose for three customer domains : First, The parents of the children under the age of 16 Second, Adults over the age of 16 and above Thirdly, Swimming pool owners. CS	6. CUSTOMER CONSTRAINTS 1.The cost of the device being a little higher on the cost side. 2.In case of power failure the halt of system may happen. 3.The product may not function effectively in case of higher number of individuals in the pool CC	5. AVAILABLE SOLUTIONS The customer need to be supervised by anybody else at all times . The drowning detection eye acts as an alternate of the lifeguard . AS	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS 1. Helping the swimmer get over the petrification of water . 2. Alert the lifeguard in case of drowning . J&P	9. PROBLEM ROOT CAUSE 1.No designated markings relating the water being shallow or deep . 2.Absence of adequate safety equipments . RC	7. BEHAVIOUR The parents of the underage kids are directly associated as they will be using the device hands on for the supervision. The owners of the pools will be indirectly associated as they need to buy the product for the security / lifeguard team. BE	
Focus on J&P, tap into BE, understand RC				Focus on J&P, tap into BE, understand RC

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