

Project Design Phase-II Customer Journey

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

Customer Journey:

1 Phases	2 detect the problem	3 Finding an appropriate answer to the problem	4 what we need to implement	5 How to implement effectively
2 Steps Detailed actions your user has to perform:	Detect the Pulse rate from pulse rate sensor To detect the pulse rate of person using sensor To find over pulse rate of swimmer	To find drowning person By pulse rate By sensor	Pulse rate detection	To detect Pulse rate Using deep learning algorithm It detect pulse rate in digital watch
3 Feelings What your user might be thinking and feeling at the moment:	Easy for the Lifeguard to save people life Low death Earlier prediction can be possible It is difficult to know if the sensors are not working unexpectedly	Earlier prediction to save life of a swimmer Lifeguard can save most of the life Saving life of every individual Life can be saved because of earlier predict	Should alert all time The model helps to predict about Pulse rate of swimmer Lifeguard should be ready and alert all time is difficult task It requires an unlimited for continuous internet connection Sometimes sensor may fail to work	Implements the good sensor Real-Time Pulse rate Monitoring Continuous monitoring They need continuous for proper functioning Always Lifeguard should be available proper prediction is needed
4 Pain points Problems your user runs into:	Due to network issues the alarm message will be delivered lately If the program is not properly installed in the device then the device may not to be work	Some times can't find correct drowning person It is because of 1 or more number of drowning happens There is a chance of losing pulse rate of swimmer	Lifeguard should know little about Normal pulse rate communication between Lifeguard and swimmer It can reduce the drowning accident	Cannot save everyone life No measures are taken due to some external users Lifeguard connected the sensor takes more time to sense
5 Opportunities Potential improvements or enhancements to the experience:	Pulse rate is detected automatically Pulse rate can detect using the deep learning algorithm	It provides information quickly and accurately It can be used to monitor pulse rate of swimmer to detect drowning Becomes handy to save swimmer life earlier	High quality of sensor is needed Saves the more people rate Makes lower death	Accurate prediction is needed It reduces the swimmer death Saves lot of swimmer life

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