

Project Design Phase-II

CustomerJourneyMap

Date	08 October 2022
Team ID	PNT2022TMID17312
Team Leader	Ramakrishnan G
Team Member	Nitheesh M, Ramesh A, Ramkumar P
ProjectName	Virtual eye – lifeguard for swimming pools for active drowning
Maximum Marks	

1 Phases	To detect the problem		Finding an appropriate answer to the problem		What we need to implement		How to implement creatively	
2 Steps	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 Of swimmer Using deep learning algorithm It detect pulse rate in digital watch	
3 Feelings	Easy for the Lifeguard to save people life Low death Earlier prediction can be possible		Earlier prediction to save life of a swimmer Lifeguard can save most of the life Saving life of every individual		Should be alert all time The model helps to predict about Pulse rate of swimmer Lifeguard should be ready and alert all time is difficult task		Implements the good sensor Real-Time Pulse rate Monitoring Continuous monitoring	
	It is difficult to know if the sensors are not working unexpectedly		Life can be saved because of earlier predict		It requires an unlimited or continuous internet connection. Sometimes sensor may fail to work		They need maintenance For proper functioning Always Lifeguard should be available proper prediction is needed	
4 Pain points	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 cant find correct drowning person It is because of 3 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 cases Lifeguard cannot save life of swimmer if a sensor takes more time to sense	
5 Opportunities	Pulse rate is detected automatically Pulse rate can detected 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	

Share your feedback