

Project Design Phase-II

Customer Journey

Date	8 October 2022
Team ID	PNT2022TMID15283
Project Name	Virtual eye – lifeguard forswimming pools for active drowning
Maximum Marks	2 Marks

1 Phases High-level steps your user needs to complete from start to finish	2 Detect the problem 	3 Finding an appropriate answer to the problem 	4 what we really to implement 	5 How to implement correctly
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 own 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 What your user might be thinking and feeling at the moment	<div> <div> Easy for the Lifeguard to monitor Low death Earlier prediction can be possible </div> <div> It is difficult to know if the sensor are not working unexpectedly </div> </div>	<div> <div> Earlier prediction to save life of a swimmer Lifeguard can save most of the life Saving life of every individual </div> <div> Life can be saved because of earlier predict </div> </div>	<div> <div> Should alert all time The model helps to predict about Pulse rate of swimmer Lifeguard should be ready and alert all time a critical task </div> <div> It requires an unlimited or continuous internet connection Sometimes sensor may fail to work </div> </div>	<div> <div> Implement the good sensor Real Time Pulse rate monitoring Continuous monitoring </div> <div> They need maintenance for proper functioning Always Lifeguard should be available proper prediction is needed </div> </div>
4 Pain points Problems your user runs into	<div> Due to network issues the alarm message will be delivered lately </div> <div> If the program is not properly installed in the device then the device may not to be work </div>	<div> 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 </div>	<div> Lifeguard should know little about Normal pulse rate communication between Lifeguard and swimmer It can reduce the drowning accident </div>	<div> Cannot save everyone life No measures are taken due to some external cause Lifeguard cannot save the life of swimmer if a sensor takes more time to sense </div>
5 Opportunities Potential improvements or enhancements to the experience	<div> Pulse rate is detected automatically Pulse rate can be detected using the deep learning algorithm </div>	<div> 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 </div>	<div> High quality of sensor is needed Saves the more people rate Makes lower death </div>	<div> Accurate prediction is needed It reduces the swimmer death Saves lot of swimmer life </div>