Project Design Phase-II
Customer Journey Map

Date	03 October 2022
Team ID	PNT2022TMID01612
Project Name	Virtual Eye – Life Guard for Swimming pools to Detect Active Drowning
Maximum Marks	2 Marks

① Phases
High-level steps your user needs to accomplish from start to finish

- It detect the problem
- Finding an appropriate answer to the problem
- what we needs to implemented
- How to implement creativity

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 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

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- 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
- Implement 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
Problems your user runs into

- Due to network issues the alaram message will be delivered lately
- If the program is not properly instered 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 cannotsave life of swimmer if sensor takes more time to sense

⑤ Opportunities
Potential improvements or enhancements to the experience

- 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