



REC INNOVATION

# MEDICULT

AN AMBULANCE TRACKER APP USING  
HEART RATE SENSOR



# PROBLEM STATEMENT

**Around 4.7 million people in this country accounts for Heart Attacks and other Coronary related Diseases. This is due to lack of attention given to the individuals of certain Age groups and other factors that can relate to immediate medical attention such as accidents and people with variable BP.**



# SOLUTION

**An ambulance tracker app. Developed to save people's life on time by using a sensor based heart rate monitor that triggers/alerts the nearby hospital's Ambulance to provide immediate medical attention and to reduce carbon monoxide emissions/carbon footprints in this planet by providing point to point interaction.**



# Welcome To Our App

An App Developed to help People who has Heart emergencies in the past or present and to avoid any major issues in the future. An app that is designed in such a way that enables the user to track the Ambulance Location and Ambulance Driver's Name and Phone Number.

An App that uses an Heart rate monitoring device to keep the SOS in check and Triggers the Emergency Button when the heart rate obtained from the monitoring device does not work on regular parameters and helps to rush the patient to the nearest Hospital.



# Technology Is Important For Better Future and Sustainable world

Technology has been vital in every possible way and will always be. In order to have a better world for the Future, Technology has to be used in a effective way so that it creates a sustainable future for the upcoming generations. This includes usage of resources in a efficient way and reduce greenhouse effect.





# Target Marketing and Use Cases

**The Developed product can be used in various sectors and by various age groups as it has an important feature to predict heart rate levels not only for the people who are the victims of weak heart/coronary diseases, raiders (people who have higher probability of meeting with an accident), But also by the people who are Gym rats and people who get into high level of Physical Activity.**

**This app helps people of middle aged and senior citizens to seek immediate attention if they are in need of emergency by alerting the hospital's ambulance via sensor based heart rate predictor which sends the signal through SOS and helps the raiders, people who are involved in intense physical activity by giving them an alert/warning when their heart rate goes uphill or downhill. This is done to ensure a person's stable health and to reduce fatal problems.**



## REVENUE GENERATED

**The main goal of this product is to reach the wider audiences of middle aged and old aged people and to reduce carbon footprints. As the product is one time investment recommended by the doctors and physicians to handle BP at normal parameter and to maintain stable heart rate. The revenue is Generated in multiple ways.**

- Advertising the product in various e-commerce platforms.
- Selling the products to the hospitals, clinics and physical practitioner, etc.
- Selling the products to the raider's community.
- An equipment used while working out in the gyms and intense physical activity.
- The triggers can be included in the smartwatches and be sold



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# Our Target Future



This app is related to sustainable development which can be extended to include Diversity and Inclusion which blocks the communication barrier between a disabled person with half paralysis and a normal man, using computer vision by giving finger movements as an input. The ultimate goal is to reach the maximum audience and without any sorts of discrimination in order to use this simple, efficient app and the device which is mandatory for Better Future.



## CONCLUSION

*"Technology must develop and grow with a good and modern ideas for future well-being."*



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# Meet Our Team

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# Thank You