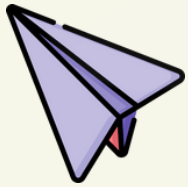
#MINEE

Safety, Amplified

IoT-Powered Safety with AI.

Introducing #Minee, the ultimate safety smartwatch powered by AI and machine learning. Equipped with advanced sensors, it monitors your heart rate, sound, GPS location, and movements, adapting to your activities to distinguish between normal and suspicious behavior. With real-time alerts to potential dangers, #Minee provides a new level of safety and peace of mind wherever you go.



Team Name: Chunks

Team Count:03

College:-

- Coimbatore Institute of Technology
- Dr. NGP Institute of Technology

Department:-

- M.sc Artificial Intelligence & Machine Learning
- B.E Electronics and Communication Engineering

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INTRODUCTION

By using advanced sensors and machine learning algorithms, #Minee can adapt to the user's daily routine and distinguish between normal and suspicious behavior. It can detect keywords like "**HELP" or "DANGER**" in surrounding sounds and identify new locations, providing real-time alerts to potential threats. Unlike other smartwatches, Minee does not rely on manual user input or static data, making it a truly proactive and reliable safety solution.

With its sleek design and easy-to-use interface, Minee is an essential accessory for anyone looking to enhance their personal safety. Whether you're going for a run, traveling alone, or simply walking home at night, Minee provides an added layer of security and peace of mind. With Minee, you can rest assured that you have a powerful ally in the fight against potential dangers.

Problem **Statement?**

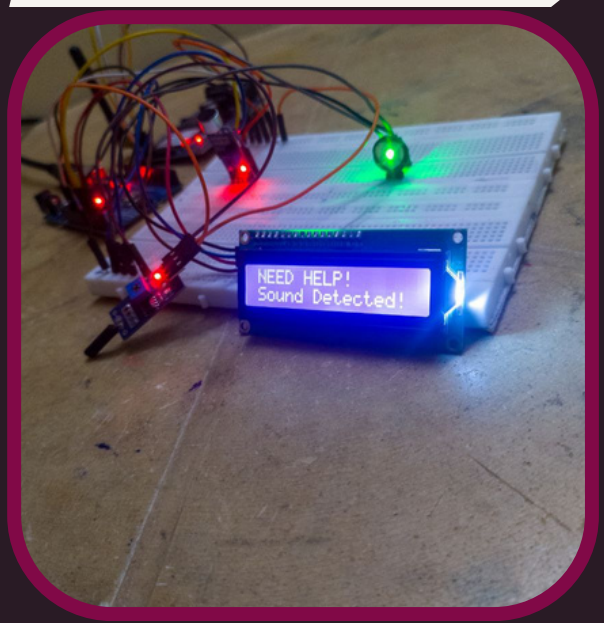
Personal safety is a fundamental human need that has become increasingly relevant in today's world. The growing incidents of crime, violence, and accidents make it necessary to have a reliable safety solution that can assist individuals in case of emergencies. Traditional safety solutions such as pepper spray, alarms, and emergency contacts can be useful, but they lack the versatility and adaptability needed to provide comprehensive safety coverage. Moreover, these solutions require manual intervention and do not offer real-time protection.

The existing safety smartwatches in the market also have limitations in terms of their functionality and efficiency. Most of them rely on static information and require manual user input, which can be impractical in an emergency situation. These devices also do not provide personalized protection, making them less effective in providing safety coverage in different environments.

Proposed **Solution**

To address these challenges, there is a need for a safety smartwatch that leverages the latest advancements in artificial intelligence and machine learning to provide personalized safety coverage. The #Minee smartwatch is designed to overcome these limitations by using a range of sensors to monitor the user's heart rate, sound around them, GPS location, and movement patterns. The adaptive learning algorithms of the watch can differentiate between normal and potentially dangerous activities, providing real-time alerts in case of emergencies. The #Minee smartwatch is the perfect solution for individuals who want comprehensive safety coverage and peace of mind in any environment.

Prototype



Coding

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Project Budget

Current Budget

₹7000

Projected Budget for

₹300000

Others

₹200000

Current Budget

Sensors and Equipment's:

- ARDINO UNO
- SIM900A
- PULSE SENSOR
- VOICE SENSOR
- VIBRATION SENSOR
- DISPLAY

Projected Budget

Equipment's for collecting data.
(no other data set exist)

Project Plan

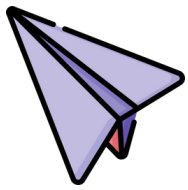
Collect Data
Need to collect training and testing data set induvidualy for 3000 people

Implementing CNN

Use a CNN to train on a large dataset of heart rate data for predicting heart rate changes in response to fear-inducing stimuli.

launching Prototype

Thank You



Let's work Together

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