iWILL: Location Based Mobile Application

Introduction

iWILL is a mobile application that alerts nearby people who are trained in AED/CPR when an abnormal heart rate is detected from a heart rate monitoring smartwatch.

Technologies Used

The mobile application was developed on React Native, using technologies such as Bluetooth, Google Maps and Firebase database.

System Overview

The mobile application constantly monitors the heart rate throughout the day. Specialists will receive a notification that contains details such as the user’s location and heart rate condition when an abnormal heart rate is detected within a radius.

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