SCOPE

- This project is to develop a phone application for a smart watch provided and get all the data like BPM,Temperature,Blood Oxygen,Immunity,Blood Pressure ,Steps ,Calories burned.Using these vitals the app need to calculate the COVID risk using chatbot.

INTRODUCTION

With the Union Health Ministry announcing new guidelines for the home isolation of people who either have very mild COVID-19 symptoms or are in the pre-symptomatic phase, it will now be a mammoth task for authorities to monitor their health status and also ensure they do not violate home quarantine norms.

The device [a smartwatch] can measure various vital parameters of individuals under isolation on a real-time basis. Linked to a smartphone via Bluetooth, the smartwatch will record the patient's blood oxygen saturation and body temperature in real time. The device is suitable for those under isolation and also for asymptomatic COVID-19 positive patients.