Final Project

(14th of May, 2024)

Statement: Integration between various medical modalities is essential to improve quality of healthcare. In ICU, medical personnel are overloaded, and patients are in critical situation. One of the critical medical cases is "**Hypotension**" *(a case of decrease in blood pressure and increase in heart rate – sometimes accompanied with sweating-),* in this case, one of the physiological parameters to indicate hypertension is the heart rate.

Design a system than monitors patient heart rate for an ICU with capacity of **3 patients** and delivers an alarm of the hypertensive patient.

You can simulate the patients by your mobile devices (each mobile device is an individual patient) and your central station shall be your laptop. [No extra equipment to purchase].

Deadline: Wednesday , 22nd of May, 2024

Policy: Group Task.

Submission: In Class Submission.