

ABSTRACT

At the age of 40 to 60+ people who can be called adults with their mindset are wise in making choices. But behind all that there are things that train people with them, they begin to be afflicted with diseases that begin to feel by their bodies. It all depends on their lifestyle making what kind of youth. Alzheimer's is the cause of dementia which until now is not known where it came from. According to Dr. dr. Yuda Turana, Sp.s, Alzheimer's is a method of decreasing brain function due to the formation of abnormal tissue in the brain, such as plaque and making irregular nerve fibers that cause disturbance of the delivery of signals in the brain, things that can cause conditions or conditions of dementia. At this time, the action will be carried out for a long time, it is not possible if the people below will do the same thing with someone at the age of 65 and cannot be done with these people. By sending a tracer prototype with Arduino to minimize lost or lost parents who have Alzheimer's disease, not just traces, this prototype will intervene in these people, at this time the data used is the age group above 60 who has a detachment on average - on average is 81 BPM, in addition to the age group of 20 years is 101 BPM, 30 years is 97 BPM, 40 years is 91 BPM, and 50 years is 87.

Keywords: Alzheimer, Arduino, Dementia, Heart Pulse , Pulse Sensor, GPS, GSM, GPRS