BUILD AN EXERCISE SUPPORTER APP WITH OPENCV AND CONVOLUTIONAL NEURON NETWORKS

Social distancing and working from home help prevent transmission of the coronavirus (COVID-19) but can be conducive to unhealthy behavior such as bingeing on either fast food or soft drink, and spending more time on a couch staring at a screen, being a couch potato. Overally moving about less during the day. Scientists believe the reduction in physical activity experienced during the first few months of the pandemic could lead to an annual increase of more than 11.1 million in new cases of type 2 diabetes and result in more than 1.7 million deaths.

I. SYSTEM ANALYSIS AND DESIGN

II. PUSH UP DETECTION AND COUNTER

III. PUSH UP RATING

IV. DESKTOP APP IMPLEMENTATION

V. CONCLUSION

VI. REFERENCES