**PROBLEM STATEMENT**

An innovative real-time early detection of coronavirus and monitoring system using smart helmet which integrated with thermal imaging system has been developed. The smart helmet can also detect high body’s temperature in the crowds and send the measured data to be displayed on a phone application. As the latest big issue nowadays that happened across the world, the spreading of coronavirus give so much attention and awareness among people. Early detection of the coronavirus symptoms will be one of the suitable ways to prevent the spreading of coronavirus. As the high body temperature of people is one of the very common symptoms, a real time monitoring system of the screening process that automatically appearing the thermal image of temperature of people is needed. So the diagnosis of the screening process will be less time consuming and less human interactions that might cause the spreading of the coronavirus faster.