

Automatic Hand Washing Machine For Public Places

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Abstract

Corona-virus pandemic is currently happening and has not over yet. There are many researchers developing to fight the virus from all possibilities. Among these, one of the basic factors is to wash your hands (especially wash often). Therefore, there are many hand washing stations in most of the public places. Most of the sanitizing liquid containers consist of a press head to eject the liquid from the container. But it is important not to touch the press head by cleaning the hand or it may worsen the virus spread. Therefore, a kind of touch-less, automatic hand washing system is designed and constructed for public places. It is designed with a microcontroller and sensors to operate automatically. It is intended to prevent virus spread and protect the lives of people. The system can be applied in public areas to reduce the infection of Corona-virus.

Key words: Arduino Uno board, Ultrasonics Sensor, Relay, LCD and mini pump motor.

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