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Patron : Dr. Wan Irham Ishak
Dr. Abd Latif Abdul Rahman

Project Manager : Yazwani Mohd Yazid

Design Director : Mohd Hamidi Adha Mohd Amin
Fadila Mohd Yusof

Editorial Director : Mohd Hamidi Adha Mohd Amin
Mas Aida Abd Rahim

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INVENTION

CATEGORY

SMART WATER-BASED SYSTEM FOR HEALTHY LIVING

Aliya Najiha Binti Amir

Since the water quality from water resources like home water filtration system and tap water are commonly unknown, the consumer may be exposed with the risk of drinking contaminated water. The problem arises when there are many water-borne disease cases reported. At the same time, the conventional method of performing water quality assessment is time-consuming, labor-intensive and lacks real-time information. Current study suggests to perform regular monitoring of water quality. Therefore, the objective of this project is to implement IoT application in monitoring water quality. The scope of the study covers the potential water-borne disease caused by poor water quality as well as the application of IoT in monitoring water quality. The proposed project focuses on implementing IoT technologies that would enable the development of a real-time water quality monitoring system. The proposed approach would replace the traditional method of doing assessment of water quality.



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