

Developing a Smart Card Using Internet of Things-Uni-C

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Abstract : This paper demonstrates a system that helps solve the congestion problem at the entrance gates and limits the spread of viruses among people in crowded environments, such as COVID-19, using the IoT (Internet of Things). This system may assist in organizing the campus entry process efficiently by developing a smart card application supported by NFC (Near Field Communication) technology through which users' information could be sent to a reader to share it with the server and allow the server to perform its tasks and send a confirmation response for the request either by acceptance or rejection.

Keywords : COVID-19, IoT, NFC technology, smart card

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