

Review for an Information Management System for Automation of the Covid-19 Vaccination Programme in Sri Lanka

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The COVID-19 epidemic has swept the globe. Early in 2020, the epidemic began in Sri Lanka, and it is presently in control of the Indian Ocean's pearl. Vaccines that have been created all around the world are currently being used in Sri Lanka as well. To prevent a large number of individuals from congregating in one location, the vaccination procedure is carried out in batches on several days. The divisional secretariat offices of Sri Lanka maintain the information of the immunized using a manual, paper-based information management system. The whole procedure, from the collecting of forms to the tally of the total number immunized, is carried out manually. Through the conversion of the manual paper-based information management system to an automated information management system, this research intends to identify the challenges that this manual paper-based system faces and how to fix them. This study is predominantly designed as positivist paradigm based on survey data. Further, the findings of the study draw conclusions on the issues with the present system and the features and functions that ought to be added to the automated COVID-19 vaccine information management system using published research papers, scholarly articles, web articles, questionnaires, and interviews. The results of the study indicate that the manual system is not viable to carry on the task and it should be converted to an automated system.

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