

DESIGNING THE MODEL OF ONLINE IMMUNIZATION RECORD SYSTEM

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ABSTRACT

Immunization is an effort made to prevent the occurrence of a disease by inserting a weak antigen into the body of the child, so as to stimulate antibodies against the antigen types in the future. In this study, the immunization system was developed to help mothers receive the right immunization for their child in the right time, with digital processes that exists before such as child registration, dissemination availability of vaccine, and immunization booking. This system also reminds the mothers to give immunization to their child via text message that sent to the mother's cell phone. Besides that, this system can inform the clinics to provide such amount of vaccine needed for a certain period of time. This research aims to improve the completeness of immunization, especially Complete Basic Immunization in Indonesia by using Rapid Application Technology (RAD) as the development method, and online web based application to improve its accessibility from the users, such as the administrator of the clinics and the mothers can access this system everywhere, if their place has internet access.

KEYWORDS: Immunization, Online System, System Design