

## ABSTRACT

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*Posyandu is one of the social institutions that has a role in the approach of society participation in the sector of health. Posyandu is managed by cadres who have received training from puskesmas. Cadres have responsibility in managing the schedule of immunization and vitamin A for children but not yet made. The making of the immunization and vitamin A's report is also still done manually in the book. Therefore, in this final project discusses the problem solving by building a web-based posyandu application Module Monitoring and Controlling of immunization and vitamin A for child. The method used in building this system is SDLC methodology with waterfall model. Feature owned include add a schedule, add giving immunization, view immunization history, view immunization graphic, add giving vitamin A, view the giving of vitamin A history, view the giving of vitamin A graphic, and view the needs for vaccines and capsules. This web-based application uses PHP programming language with codeigniter framework, and MySQL as the database. This application is expected to help and support the Posyandu activities in Lengkong Village.*

*Keywords: Posyandu, Immunization, Vitamin A, Application, Waterfall.*