

## ABSTRACT

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*Bidang Peternakan has the task of which is to manage the public complaint data reported by Technical Implementation Unit (UPTD) per subdistrict, conduct vaccination activities based on reports on public complaints and the Government's program of vaccination activities, as well as the collection of data on the medicine inventory of Bidang Peternakan and UPTD each month. For the recording of data on public complaints, the data of vaccination activities and data in and out of medicine inventory and has not been managed well documented. It is sometimes difficult of Bidang Peternakan in managing data. Moreover, the distance between UPTD that is tolerable enough away to make public complaints slow to handle because UPTD should report the complaint in a letter to the Bidang Peternakan residing in the county. In addition, for information regarding the schedule of special handling and the vaccination schedule is also done through telephone as well as the unavailability of the facility as a reminder to the schedule. Similarly, the data recording medicine inventory making of Bidang Peternakan difficulties when reporting the availability of medicine at the end of the month. This application is built using SDLC with the waterfall model development and programming languages PHP with CodeIgniter Framework and uses a MySQL database. The tools used to design systems that are flowmap, Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and use the blackbox testing testing. This application is expected to be an alternative to manage data on public complaints, vaccination and medication inventory.*

*Keyword : Complaints, Vaccination, Medicine Inventory, Waterfall, CodeIgniter Framework,MySQL*