

ABSTRACT

At this time the system for data recapitulation at the Mekar Arum 18 Posyandu is quite advanced using an information system, but the lack of a user-friendly display, also the importance of data graphs for analyzing data from posyandu patients and the usefulness of data reports made into digital form are still not available. contained in the Mekar Arum 18 Posyandu. Because there are several shortcomings in creating a data recap system and data recap report, a solution is obtained to answer these problems, namely by making a web display that is easier for users and also making graphs and reports so that the system that has been created become even more useful for Posyandu.

Making the final project entitled "Data Record Information System for Posyandu Mekar Arum 18" aims to assist Posyandu Cadres in recapitulating data and making it into digital form as well as making data graphs to manage it more efficiently and regularly. The making of this information system uses the HTML, PHP, CSS web programming language and also uses MySQL as a database storage area.

From the test results, the website has been successfully designed and built an information system for the posyandu using the CodeIgniter framework, PHP, JavaScript and the CSS to help digitize the data recap at the posyandu. In testing the functionality, it can be declared successful and get good results because all the features contained on the website can be run and work well according to what has been designed. From the data validation test between the website and the database, the data on the website and the database are integrated with each other and have been running according to the functions that have been created. From the lighthouse test to analyze the website, the results obtained high and good scores with performance of 80, accessibility of 92, best practices of 83 and SEO of 92. From testing the delay on the website to the database, the average delay was 0.92 seconds.

Keywords : Posyandu, Web, Programming Languages, Information Systems, Data Reports.