***Design and Build a Poultry Farmer Education System for Broiler Chickens
Based on a Website Using the Laravel Framework***
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ABSTRACT

Animal husbandry is an activity or business that focuses on the care and management of livestock for specific purposes, such as the production of meat, milk, eggs, or other products. One type of farming that is widely practiced is broiler chicken farming, although broiler chicken farming has great potential to provide an affordable source of protein, there are several challenges that farmers often face, such as manual record-keeping that is prone to errors, and suboptimal farm management can result in low production quality. The limitations of relevant and up-to-date information pose a barrier to improving the skills and knowledge of farmers in managing chicken farms more effectively. This study aims to develop an educational and record management system based on a website using the Laravel framework and the Waterfall method, to help broiler chicken farmers manage data in a structured manner and gain access to practical information. The implementation of this system successfully improved the operational efficiency of the farm and provided real solutions for farmers in facing management challenges. The system was tested using the black box method through use case testing to ensure functionality met needs, and system usability scale to assess ease of use from the user's perspective.

Keywords: Education System, Broiler Chicken Farmers, Web-Based Application, Broiler Chicken Education Website, PHP Laravel Framework