ABSTRACT

Agrosmartsystem.id is an agricultural land monitoring system and monitors soil conditions, climate, and other factors that affect agricultural yields in real-time. This study aims to analyze the effectiveness of the agricultural land monitoring system in BPP Selawi, Garut Regency using the Blackbox Testing and User Acceptance Testing (UAT) methods. The results of the Blackbox Testing show that the system is functioning according to the specifications that have been set, with some minor bugs being identified and fixed. Meanwhile, UAT shows that the system works well and is positively received by users, although there are some aspects that need improvement, such as a more intuitive user interface. This research emphasizes that the development of agricultural monitoring technology has great potential to support the efficiency and productivity of the agricultural sector.