

# DESIGN OF A WEBSITE BASED INFORMATION TECHNOLOGY (TI) ASSET INVENTORY MANAGEMENT APPLICATION AT DISKOMINFO SIAK

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## ***ABSTRACT***

*Efficient asset and inventory management is an important aspect in optimizing the performance of government agencies, including the Communication and Information Agency (DISKOMINFO) of Siak Regency. The manual recording system currently in use causes difficulties in asset retrieval, recording errors, and delays in report generation. To address these issues, this study aims to design and develop a web-based information technology asset inventory management application. The research methods employed include problem identification, data collection, needs analysis, application design, development, and system testing. The application was developed using the Laravel framework, PHP, and MySQL database, and is designed to streamline the processes of recording, monitoring, and reporting asset inventory at DISKOMINFO Siak.*

**Keywords:** *Inventory, management, Diskominfo, Laravel, PHP*