DESIGNING A WEB-BASED BUILDING MATERIAL SALES AND INVENTORY USING THE FRAMEWORK CODEIGNITER
(CASE STUDY: CV. BIAK MINANG BAKHTI, KABUPATEN BIAK NUMFOR PAPUA)

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ABSTRAK

CV. Biak Minang Bakhti is a company engaged in the field inventory and sales of building materials in the Biak Numfor Regency, Papua. Constraints experienced by CV. Biak Minang Bakhti is the lack of control over the stock of building material goods that will be sold to consumers, the absence of disciplinary records at the time of manufacture of building materials such as tela stone and cast coral at each manufacture, and recording of building materials purchased and sold such as cement sand and mountain stones. Furthermore, there is often a difference in the number of buildings in the storage area and stock books. Based on this, a system design application is needed for *inventory and the sale of web-based building materials using* the *Codeigniter framework, which can facilitate recording transaction data reports. The system design method used to identify the components of information system design includes designing context diagrams, level diagrams, DFD, ERD, table relations, database table structures, and physical design. It uses Sublime Text software 3 with the PHP programming language with Codeigniter framework and database MySQL to manufacture this system. With the system design application inventory and the sale of web-based building materials using* the *Codeigniter framework, this is expected to help transaction data recording CV. Biak Minang Bakhti.*

Keywords: System Inventory, Sales