

**WEB-BASED VIDEO CONFERENCE EQUIPMENT
BORROWING APPLICATION**
**(Case Study: DEPARTMENT OF COMMUNICATION,
INFORMATICS, AND STATISTICS OF BENGKALIS
REGENCY)**

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ABSTRACT

This web-based video conference equipment borrowing application is designed to streamline the borrowing process at the Department of Communication, Informatics, and Statistics of Bengkalis Regency, which was previously done manually. The system was developed using the Waterfall method, which includes problem identification, design, implementation, and testing stages. The application is built using the Laravel 12 framework and MySQL database. The main features of this system include equipment data management, borrowing and returning processes, scheduling, and borrower data archiving, all of which are integrated and accessible online. Testing showed that the application runs well on various devices and browsers and is responsive. With this application, the borrowing administration process becomes faster, more efficient, accurate, and helps improve the admin's performance in presenting data and reports.

Keywords: Borrowing, Video Conference, Website, Laravel, DISKOMINFOTIK.