ABSTRACT

Design and Development of Cash Management Application System
In PT. Bank Rakyat Indonesia (Persero)

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Cash Management Application System (CMAS) BRI is an application system with Internet base which have been developed to improve the facilities of core banking system BRINETS for mainly the BRI corporate customer. With CMAS, customers could do the banking transaction anytime and anywhere they wish. It means, customers could manage their own business liquidity. The main reason of this research is to make an analysis of BRINETS and to design CMAS. The method of research used was the descriptive method, in IT Division BRI, on April to June 2004. The analysis tools are DFD, ERD and data dictionary. The design and development of CMAS using Prototyping approach and it is combined with Web Engineering.

From information needs identification, Human resources who get involves will be top management, IT specialist, business user, and end user. Hardware/software refers to BRI standard (IT Plan). Network infrastructure is 3 level zones with firewalls (public zone, private zone, inside zone).

CMAS is a web based application system categorized transactional and service oriented. CMAS processes financial and accounting data so it doesn’t use graphic, picture, video and audio. It uses much text, but doesn’t ignore aesthetics aspects as a characteristic of web application. Content design comprises of Cash Information, Fund Transfer, Sweep Account; Bill Payment, Bank Guarantee, Letter of Credit (L/C) Payroll, Exchange Rate info, and Time Deposit.

On the web application, interface should be friendly for users. Navigation usage and help function are basic requirement. On CMAS architecture design, screen format and navigation are consistent for the whole screen and function. Navigation uses icon with text that is displayed clicks able and 3 dimensions.