DEVELOPMENT OF STATE FINANCIAL MANAGEMENT INFORMATION SYSTEM BUDGETING MODULE USING JAVA SERVER PAGES AND POSTGRESQL TECHNOLOGY

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Abstract

Many functions that run in the satuan kerja of government has been supported by information technology that is a lot of applications as well. However, many such applications led to the emergence of new problems which database systems are still separate. Currently going developed an application called State Financial Management Information System (SIAPKAN) which will integrate all operational applications in the satuan kerja. This web-based applications uses Java Server Pages and PostgreSQL technology.

One of the functions that must be integrated is budgeting function that is currently using the application of Rencana Kerja Anggaran Kementerian Negara Lembaga Dipa. This application is very important because it is the beginning of the financial management cycle. If the application does not come then the data will not be synchronized between application of Rencana Kerja Anggaran Kementerian Negara Lembaga Dipa and application of Surat Perintah Membayar. Separation of the database from the application of these application can also pose potential criminal manipulation Dipa data.

With the integration application of Rencana Kerja Anggaran Kementerian Lembaga and Daftar Isian Pelaksanaan Angaran in the Budgeting Module State Financial Management Information...
System, the generated data of Kertas Kerja Rencana Kerja Anggaran Kementerian Lembaga can be on-line accessed by the Treasurer module. In addition Budgeting module also generates Daftar Isian Pelaksanaan Anggaran data required by Payments Module to oversee the budget cap, actual disbursement of funds and the rest of the budget ceiling.

*Keywords*: Budgeting, application, integration, Java Server Pages, PostgreSQL.