

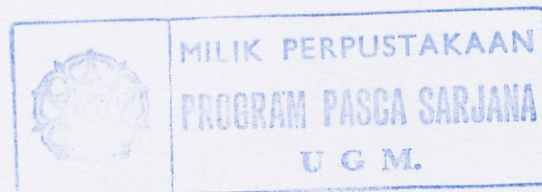


Adanya keterkaitan antara Sub Bagian Kepegawaian dan Sub Bagian Keuangan Dinas Tenaga Kerja dan Transmigrasi Propinsi Daerah Istimewa Yogyakarta, walaupun pada kenyataannya kedua divisi tersebut terpisah, serta belum adanya aplikasi sistem informasi untuk menangani hal tersebut, maka telah dibuat suatu Sistem Informasi Kepegawaian yang terdiri dari bagian kepegawaian dan bagian keuangan berbasis *three-tier*. Arsitektur *three-tier* terdiri dari tiga lapisan, yaitu lapisan presentasi, lapisan aplikasi, dan lapisan sumber data.

Implementasi sistem informasi ini menggunakan Windows NT Server 4.0 untuk sistem operasi baik pada database server maupun pada application server. Microsoft SQL Server 7.0 digunakan pada database server. Microsoft Transaction Server digunakan pada application server. Sistem operasi di sisi client menggunakan Microsoft Windows 98. Pembuatan aplikasinya menggunakan Microsoft Visual Basic 6.0. Pembuatan laporan menggunakan Seagate Crystal Report 8.01.

Sistem Informasi Kepegawaian ini dapat memudahkan para pegawai pada kedua sub bagian tersebut dalam memproses kenaikan pangkat pegawai, pensiun pegawai, penggajian pegawai, dan absensi pegawai, serta memberikan laporan absensi bulanan, laporan pegawai, laporan kenaikan pangkat pegawai, dan laporan pegawai pensiun kepada Kepala Dinas.

Kata-Kata Kunci : lapisan presentasi, lapisan aplikasi, lapisan sumber data





Caused by relevancy between Sub Units of Officer and Sub Units of Finance on Duty Labor and Transmigration of Province of Special Region Yogyakarta, although practically both the Sub Units are separated, and also there is no application of information system to handle the mentioned matter, hence made an information system of officer consisted of part of officer and part of finance being based on three-tier architecture. Three-tier architecture consisted of three layers; they are presentation layer, application layer, and data source layer.

The implementation of this information system uses the Windows NT Server 4.0 for the operating system at database server and also at application server. Microsoft SQL Server 7.0 is used at database server. Microsoft Transaction Server is used at application server. Operating system on client uses the Microsoft Windows 98. Its application developing uses the Microsoft Visual Basic 6.0. Report making uses the Seagate Crystal Report 8.01.

This officer information system can facilitate all officers at both Sub Units in processing officer promotion, retired officer, officer remuneration and absence, and also give the report of monthly absence, officer report, report of officer promotion, and retired officer report to Head on Duty Labor and Transmigration.

Key Words : presentation layer, application layer, data source layer