

Perencanaan strategis sistem informasi : studi kasus pada organisasi XYZ = Strategic planning for information systems : case study of XYZ organization

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Abstrak

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Sistem informasi strategis dibutuhkan oleh setiap organisasi dalam menentukan strategi organisasinya. Organisasi XYZ sebagai organisasi pemerintah non departemen yang bergerak dibidang kepemiluan juga memerlukan sistem informasi strategis untuk mencapai tujuan organisasi. Selama ini, pengembangan sistem informasi dan teknologi informasi dilakukan secara ad-hoc, yang hanya digunakan untuk memenuhi kebutuhan masing-masing unit bisnis sehingga mengakibatkan terjadinya tumpang tindih data dan informasi yang akibatnya akurasi data berkurang. Oleh karena itu, perlu dikembangkan rencana strategis sistem informasi yang mengatur arah pengembangan sistem informasi, berupa aplikasi bisnis, infrastruktur teknologi informasi, organisasi sistem informasi yang sejalan dengan visi, misi serta tujuan organisasi XYZ. Pengembangan rencana strategis sistem informasi dilakukan dengan menggunakan metodologi Ward and Peppard. Metode pengambilan data dilakukan dengan wawancara, review dokumen bisnis, dan observasi, untuk analisis situasi bisnis menggunakan metode PEST Analysis, value chain analysis, dan SWOT analysis dan analisis kebutuhan informasi. Penelitian dilanjutkan dengan analisis kondisi sistem informasi dengan menggunakan langkah-langkah pada fase analysis, sehingga diperoleh kondisi sistem informasi terkini dan solusi alternatif perbaikan sistem informasi. Berdasarkan hasil penelitian diperoleh berupa implementasi roadmap sistem informasi dan teknologi informasi yang berisikan pengembangan organisasi SI/TI, pengembangan sistem informasi dan pengembangan infrasturktur SI/TI.

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ABSTRACT

Strategic information systems needed by every organization in determining organizational strategy. XYZ organization as a non- governmental organization engaged in the electoral department also requires strategic information systems to achieve organizational goals. So far, XYZ organization?s information system and technology developed with ad-hoc approachment, which is only used to meet the needs of each business unit, which causes overlapping of data and information which consequently decreases the accuracy of the data. Therefore, it is necessary to develop information systems strategic plan that set the direction of the development of information systems, such as business applications, information technology infrastructure, organizational information systems in line with the vision , mission and goals of the organization XYZ . Development of information systems strategic plan is done by using a qualitative research methodology Ward and Peppard. Method of data collection was done with interviews and reviews of documents and observation business . For the analysis of business situations using PEST method, value chain, SWOT and analysis of information needs. Research continued with the analysis of system condition information using the steps in analysis phase, in order to obtain the most current information system condition and repair information system alternative solutions. Based on these proposals later developed into a referral and recommendation development of organizational information systems XYZ, which is described in the form

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