

ABSTRAK

Dody Okta Biantara, I Gede (2022), *Perencanaan Strategis Sistem Informasi Menggunakan Metode Ward and Peppard (Studi Kasus Koperasi Dauh Ayu)*.

Kata-kata kunci: Perencanaan Strategis, Sistem Informasi, Koperasi, Metode *Ward and peppard*

Penerapan jarak fisik dan jarak sosial dikarekan pandemi COVID 19 mengakibatkan pelaku usaha dan bisnis mengubah cara pandang dalam melakukan usahanya, termasuk salah satunya Koperasi. Koperasi Dauh Ayu adalah salah satu koperasi yang ada di Kota Denpasar. Penerapan teknologi dan sistem informasi di Koperasi Dauh Ayu masih kurang. Untuk menerapkan teknologi dan sistem informasi yang optimal di Koperasi Dauh Ayu memerlukan perencanaan strategis sistem informasi. Perencanaan strategis SI/TI penelitian ini menggunakan model *Ward and Peppard*. Metode *Ward and Peppard* dipilih karena memiliki kecocokan dengan topik penelitian ini yang hanya berfokus terhadap perencanaan tanpa proses implementasi. Hasil dari analisis internal dan eksternal menggunakan pendekatan kuantitatif dengan diagram kuadran SWOT didapatkan bahwa Koperasi Dauh Ayu berada pada kuadran I yang artinya kondisi internal perusahaan yang kuat dengan lingkungan yang mendukung untuk memanfaatkan peluang. Selain itu didapatkan bahwa adanya ancaman dari produk sejenis berupa pinjaman online dan aplikasi tabungan online, aplikasi yang digunakan karyawan hanya sebatas aplikasi pengolahan kata yang sederhana, belum adanya pelatihan dan staff khusus yang menangani bidang TI, serta anggota dan calon anggota mengharapkan peningkatan pelayanan yang diberikan Koperasi Dauh Ayu. Hasil dari penelitian ini berupa portfolio aplikasi yang direkomendasikan beserta integrasi dari masing-masing sistem informasi tersebut. Selain itu juga direkomendasikan pembentukan bagian TI, serta peningkatan perangkat TI di Koperasi Dauh Ayu. Dijabarkan pula roadmap perencanaan implementasi sistem informasi dari hasil pemetaan *Mc. Farland Strategic Grid* yang sudah dilakukan.

ABSTRACT

Dody Okta Biantara, I Gede (2022), *Strategic Planning for Information System using Word and Peppard Method (Case Study at Koperasi Dauh Ayu)*.

Keywords: Strategic Planning, Information System, Cooperative, Ward and Peppard Method

The implementation of physical distancing and social distancing due to the COVID-19 pandemic has resulted in business actors and businesses changing their perspective in conducting their business, including Cooperatives. A cooperative is a business entity or organization that is owned and operated by its members. Dauh Ayu Cooperative is one of the cooperatives in Denpasar City. The application of technology and information systems in the Dauh Ayu Cooperative is still lacking. To implement optimal technology and information systems in Dauh Ayu Cooperatives requires strategic planning of information systems. In IS/IT strategic planning the most important factor in the process is the use of the methodology. The IS/IT strategic planning of this research uses the Ward and Peppard model. The Ward and Peppard method was chosen because it fits the topic of this research which only focuses on planning without an implementation process. The results of internal and external analysis using a quantitative approach with a SWOT quadrant diagram show that Dauh Ayu Cooperative is in quadrant I, which means that the company's internal conditions are strong with a supportive environment to take advantage of opportunities. In addition, find out that there are threats from similar products in the form of online loans and online savings applications, the applications used by employees are only simple word processing applications, there is no training and special staff who handle the IT field, and members and prospective members expect an increase in the services provided. Dauh Ayu Cooperative. The result of this research is a portfolio of recommended applications along with the integration of each of these information systems. In addition, it is also recommended the formation of an IT department, as well as improving IT equipment in the Dauh Ayu Cooperative. The roadmap for planning the implementation of information systems is also described from the results of the McFarland Strategy Grid already done.