

ABSTRAK

Tuntutan berbagai bidang organisasi untuk menerapkan sistem informasi dalam berbagai aspek guna memfasilitasi pertumbuhan organisasi merupakan dampak dari pesatnya perkembangan teknologi. Universitas Pembangunan “Veteran” Yogyakarta (UPNVY) juga menjadi salah satu organisasi yang terus berusaha untuk memenuhi fasilitas yang dibutuhkan dalam menjalankan fungsi akademiknya. Sistem Informasi Sadewa berbasis web merupakan salah satu penerapan sistem yang dikembangkan oleh UPNVY untuk memenuhi kebutuhan organisasi dalam menyajikan informasi yang berhubungan dengan aktivitas, prestasi mahasiswa dengan tertata. Penerapan Sadewa telah memberikan beberapa manfaat, diantaranya yaitu mempermudah dalam melakukan pengajuan proposal kerja praktik, hingga mengumpulkan laporan kegiatan kerja praktik, mempermudah proses presensi pada saat kegiatan kerja praktik. Meskipun demikian, berdasarkan hasil wawancara yang dilakukan peneliti terhadap tiga narasumber ditemukan bahwa Sadewa kurang efisien karena masih memerlukan platform lain seperti *whatsapp* untuk menghubungi dosen pembimbing Kerja Praktik, selain itu juga tidak terdapat notifikasi pada sistem sehingga pengguna tidak terupdate informasi lebih cepat. Evaluasi sistem dapat dilakukan untuk mengetahui variabel apa saja yang memiliki pengaruh signifikan terhadap keberhasilan penerapan Sistem Informasi Sadewa dengan menggunakan model *Human Organization Technology (HOT) Fit* dan teknis analisis data PLS-SEM.

Penelitian ini menggunakan seluruh variabel pada model *Human Organization Technology (HOT) Fit* untuk melakukan evaluasi keberhasilan penerapan Sadewa yaitu *system use, user satisfaction, structure, environment, system quality, information quality, service quality* dan *net benefit*. Penelitian dilakukan dengan penyebaran kuesioner dan didapat sebanyak 105 data responden. Data responden kemudian diolah menggunakan SmartPLS untuk dilakukan analisis data melalui uji validitas reliabilitas dan uji hipotesis.

Hasil dari pengolahan data didapatkan 6 (enam) hipotesis diterima dari 12 hipotesis yang diajukan, sedangkan 6 (enam) hipotesis lainnya ditolak. Berdasarkan hasil *t-statistic* dan *R-square* variabel yang berpengaruh positif dan signifikan dalam keberhasilan penerimaan Sadewa *system quality, information quality, service quality, user satisfaction, structure, environment*. Namun dilihat dari hasil uji hipotesis bahwa masih terdapat hipotesis yang ditolak artinya, penerapan Sadewa belum sepenuhnya berhasil. Sehingga penelitian ini memberikan rekomendasi perbaikan sistem berdasarkan variabel yang belum mampu memberikan pengaruh positif dan signifikan terhadap keberhasilan penerapan Sadewa.

Kata kunci: *Human Organization Technology (HOT) Fit, PLS-SEM, Sadewa*

ABSTRACT

The demands of various areas of the organization to implement information systems in various aspects in order to facilitate organizational growth are the impact of the rapid development of technology. Yogyakarta "Veteran" Development University (UPNVY) is also one of the organizations that continues to strive to provide the facilities needed to carry out its academic functions. The web-based Sadewa Information System is one of the implementations of a system developed by UPNVY to meet organizational needs in presenting information related to student activities and achievements in an orderly manner. The application of Sadewa has provided several benefits, including making it easier to submit practical work proposals, to compiling reports on practical work activities, facilitating the attendance process during practical work activities. However, based on the results of interviews conducted by researchers with three informants, it was found that Sadewa was less efficient because they still needed other platforms such as WhatsApp to contact the Practical Work supervisors, besides that there were also no notifications on the system so that users did not update information more quickly. System evaluation can be carried out to find out which variables have a significant influence on the successful implementation of the Sadewa Information System using the Human Organization Technology (HOT) Fit model and PLS-SEM data analysis techniques.

This study uses all variables in the Human Organization Technology (HOT) Fit model to evaluate the success of Sadewa implementation, namely system use, user satisfaction, structure, environment, system quality, information quality, service quality and net benefits. The research was conducted by distributing questionnaires and obtained as many as 105 respondent data. Respondent data was then processed using SmartPLS to carry out data analysis through testing the validity of the reliability and testing the hypotheses.

The results of data processing showed that 6 (six) hypotheses were accepted from the 12 hypotheses proposed, while the other 6 (six) hypotheses were rejected. Based on the results of the t-statistic and R-square variables that have a positive and significant effect on the successful acceptance of Sadewa system quality, information quality, service quality, user satisfaction, structure, environment. However, seen from the results of the hypothesis testing that there are still hypotheses that are rejected, it means that the application of Sadewa has not been fully successful. This study provides recommendations for system improvements based on variables that have not been able to have a positive and significant influence on the successful implementation of Sadewa.

Keywords: *Human Organization Technology (HOT) Fit, PLS-SEM, Sadewa*