

# Pengembangan sistem informasi berbasis web penelitian unggulan perguruan tinggi pupt bagi dosen poltekkes kemenkes di pusdiklat nakes tahun 2015 = Development of information system web based superior research universities pupt for lecturer poltekkes kemenkes at the center for education and training of health manpower in 2015 / Saurikah

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## Abstrak

Implementation of Tri Dharma Universities mandatory for lecturer Poltekkes Kemenkes in carrying out the task of professionalism, one of which is the research activities. Limited access, funding and the demands of implementation high-quality research related to the needs of lecturer workload (BKD) make The Agency Developmen and Empowerment Health Human Resource through the Center for Education and Training of Health Manpower issued a policy of one of which is to create excellence in college research through programs superior research for universities (PUPT) for lecturers Poltekkes Kemenkes. PUPT activities in The Center for Education and Training of Health Manpower today use conventional governance, which is still manual in recording and data storage performed on many files at different places. Development of integrated information systems between researchers (lecturer proposer), manager and assessors is one of way that can answer the needs mentioned above.

The purpose of this study was to produce a aplication design of development web-based information system Superior Research The University (PUPT) for lecturer Poltekkes Kemenkes in The Center For Education dan Training of Health Manpower. This research is qualitative. In the data collection phase or author information using document review, interviews and observation. Whereas in the system development phase uses a method development System Development Life Cycle (SDLC).

The results of research in the form of systems analysis, namely to know the problems that exist in the current system PUPT, things needed by the system as well as opportunities for development. Based on the results of the analysis system, were made design databases and web applications for PUPT program in The Center for Education and Training of Health Manpower. Hopefully, by the results of this study can help not only to the manager of the program but also to the researcher (lecturer proposer) in providing information that is accurate and timely.

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Pelaksanaan Tri Dharma Perguruan Tinggi wajib bagi dosen di Poltekkes Kemenkes dalam melaksanakan tugas keprofesionalannya, salah satunya yaitu kegiatan penelitian. Terbatasnya akses, pendanaan dan tuntutan melaksanakan penelitian yang berkualitas terkait kebutuhan beban kerja dosen (BKD) membuat Badan PPSDM Kesehatan melalui Pusdiklat Nakes mengeluarkan kebijakan yang salah satunya adalah menciptakan keunggulan penelitian di perguruan tinggi melalui program penelitian unggulan perguruan tinggi (PUPT) bagi dosen Poltekkes Kemenkes. Kegiatan PUPT yang ada di Pusdiklat Nakes saat ini menggunakan tata kelola konvensional, yaitu pencatatan masih manual dan penyimpanan data dilakukan pada banyak file dan pada tempat berbeda. Pengembangan sistem informasi yang terintegrasi antara peneliti

(dosen pengusul), pengelola dan penilai merupakan salah satu sarana yang dapat menjawab kebutuhan tersebut di atas.

Tujuan dari penelitian ini adalah untuk menghasilkan rancangan aplikasi pengembangan sistem informasi berbasis web Penelitian Unggulan Pendidikan Tinggi (PUPT) bagi dosen Poltekkes Kemenkes di Pusdiklat Nakes. Penelitian ini merupakan penelitian kualitatif. Dalam tahap pengumpulan data atau informasi penulis menggunakan metode telaah dokumen, wawancara dan observasi. Sedangkan dalam tahap pengembangan sistem penulis menggunakan suatu metode pengembangan System Development Life Cycle (SDLC).

Hasil penelitian berupa analisis sistem, yaitu untuk mengetahui permasalahan yang ada pada sistem PUPT saat ini, hal-hal yang dibutuhkan oleh sistem serta peluang untuk pengembangan. Berdasarkan hasil analisis sistem, dilakukan perancangan database dan aplikasi web untuk program PUPT di Pusdiklat Nakes.

Diharapkan dengan adanya hasil penelitian ini dapat membantu tidak hanya kepada pengelola program tetapi juga kepada peneliti (dosen pengusul) dalam memberikan informasi yang akurat dan tepat waktu.