

ABSTRAK

Hasil pencatatan data inventaris serta perawatan pendingin ruangan disajikan dalam bentuk tabel. Penyajian informasi dalam bentuk tabel ini dirasakan kurang efektif. Ketidakefektifan tersebut terletak pada kualitas informasi yang disajikan, yaitu tidak memberikan gambaran nyata tentang lokasi pendingin ruangan. Selain itu penyajian informasi dalam bentuk tabel akan menyulitkan staff teknisi dalam memonitor jadwal perawatan rutin pendingin ruangan serta laporan pengaduan kerusakan pendingin ruangan. Kepala BSP juga mengalami kesulitan untuk memantau pengelolaan dan pemeliharaan inventaris pendingin ruangan. Dari latar belakang tersebut, dibuat sistem yang diharapkan dapat membantu pihak Biro Sarana Prasarana dalam pengelolaan pendingin ruangan sehingga mampu meningkatkan kualitas penyajian informasi pendingin ruangan.

Sistem berbasis web ini dibangun dengan mengkolaborasikan teknologi svg, jsp, javascript dan database mysql sehingga dapat menyajikan visualisasi lokasi pendingin ruangan dalam denah.

Hasil yang diperoleh adalah Sistem Informasi Inventaris dan Pemeliharaan Pendingin Ruangan Universitas Sanata Dharma Yogyakarta Berbasis Web yang dapat mempercepat proses pengaduan kerusakan pendingin ruangan, membantu staff teknisi dalam memonitor jadwal perawatan rutin serta laporan aduan kerusakan serta membantu Kepala BSP dalam memantau inventaris pendingin ruangan secara keseluruhan. Secara umum sistem yang dibangun membantu pihak BSP dalam pengelolaan dan pemeliharaan inventaris pendingin ruangan.

ABSTRACT

The results of the inventory data recording and maintenance of air conditioning is presented in tabular form. Presentation of information in tabular form is felt less effective. Ineffectiveness lies in the quality of the information presented, that does not give a vivid description of the location of air conditioning. Besides the presentation of information in tabular form will be difficult for staff of technicians in a routine maintenance schedule to monitor air conditioners and air conditioning damage complaint. Head of the BSP is also difficult to monitor inventory management and maintenance of air conditioning. From this background, created a system that is expected to help the Bureau of Infrastructure in the management of air conditioning so as to improve the quality of the presentation of information air conditioning.

This web-based system built with the technology to collaborate svg, jsp, javascript and mysql databases so it can present the visualization of the location of air conditioning in the plan.

The results obtained are the Inventory Information System and Maintenance Air Conditioning Sanata Dharma University Yogyakarta-based Web that can accelerate damage to the complaints process air conditioning, assist staff engineers in routine maintenance schedule to monitor and report complaints and assist the Head of BSP kerusakan in monitoring the overall inventory of air conditioning. In general, a system built to help the BSP in the inventory management and maintenance of air conditioning.