

Application of Information Session Information System as Media Submission of Final Results Comprehensive Session



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Abstract

Good information that is based on data that has been processed properly so as to generate useful communication. The trial assessment system has 3 parts, but the system is not mutually integrated because 2 of them can already be accessed online while the examiner's assessment system still uses the local network. In the grading system, the examiner has a session news information system that is useful for conveying the final results of the session to the trial participants. This is because as technology advances are utilized as well as possible by educational institutions in this case namely universities to be used in a comprehensive session of thesis students or final assignments. Therefore, development is carried out on the examiner's assessment system so that it can be accessed online, where there is a trial news information system. The research was conducted using the method of observation, interviews and literature to maximize this research. The trial news information system is a very important system when a comprehensive trial process takes place. This is because the news information system of the hearing has information about the grades, grades and status obtained by the trial participants. This certainly becomes very vital in the trial assessment system. The display that will be developed in the examiner's rating system will be user friendly, making it easier for the board of examiners to use it. Even though the system was developed but did not change the original flow of the examiner's assessment system so that the board of examiners could adjust well to the new system, along with the news information system of the trial. With the existence of a hearing news information system, it makes the comprehensive trial process perfect and the trial assessment system becomes integrated again as before.

Keywords: Information System, Assessment, Session News.

I. INTRODUCTION

Information is data that has been processed into a form that is more useful for those who receive it (Sihotang, 7-2018). Information is a very important thing to use in communicating. Likewise with a system, the delivery of good information clearly determines the quality of a system. A very well-made system will be able to convey good and clear information to its users so that they can communicate well. The information submitted is not just random but is obtained from data that has been processed very well so that it makes it clear and not fake.

Technology that has increasingly developed rapidly so that every aspect of life is not separated from technology. From starting with everyday life to government agencies. No exception with educational institutions, especially universities. At present universities have begun to implement the i-Learning learning system, which of course already uses technology. Not only that technology has also been applied in a comprehensive trial process of the final research of college students.

The technology applied to a comprehensive hearing was called the hearing assessment system. But in higher education the system still uses local networks and is not yet online of course. Starting in the last few years, systems have been developed but not as a whole. Of the three parts of the system there are two parts that have been developed such as objective assessment and assessment of the supervisor. Only the assessment of the examiners is still in the development stage to be accessible online and make it integrated with each other.

In the grading system for examiners who still use the local network there is a hearing information system. The system is useful for conveying the final results of the trial to students who have completed a comprehensive hearing. However, because it is in the assessment system, the examiners are still using the local network so that the system is still considered to be less than optimal because it has not been integrated with other congregation assessment systems.

II. METHODE

In conducting a study there are several research methods used to launch the research process so that the desired goals can be achieved. There are several research methods used in this study, namely observation, interviews and literature.

The researcher observes a college to see the system being used still using local networks. Then the researcher conducted an interview with the stakeholders on how the experience of using the trial assessment system. The board of examiners as stakeholders stated that the system is still not optimal because it has not been integrated with other congregation assessment systems. Then the researcher also conducted a literature study to look for references to similar research in the form of a literature review.

Literature Review

Efforts in improving this research, there are several literature reviews that have been prepared to avoid repetition, and continue the research that has previously been done. Some literature reviews include the following:

1. The research was conducted by Diah Aryani, Muhamad Arif Nurdin, Pandi Baskara (2017) with the title "MOTOR VEHICLE ASSET MANAGEMENT INFORMATION SYSTEM IN

STMIK RAHARJA TANGERANG". This study explains that at Higher Education Raharja the process of reporting motor vehicle asset management is done manually which results in the process of finding data and reporting asset data takes time. So that the vehicle asset management information system is proposed using php and mysql. Which aims to be able to overcome difficulties in finding the desired data and delay in maintaining vehicle assets and in making reports.

2. The research was conducted by M. Kirom (2014) with the title "GEOGRAPHIC INFORMATION SYSTEM OF ELECTION-BASED ELECTION-BASED ELECTION MAPPING IN JOMBANG DISTRICT" Discussing about Geographic Information Systems (GIS) is defined as a tool or media to enter, store, retrieve, manipulate, analyze and display geographical attribute data (spatial data). GIS can display diverse information in an image field. One information system that can be developed to provide information on the vote results of regional head elections in Jombang Regency is to use an open source Geographic Information System (GIS).
3. In 2017 Untung Rahardja, Qurotul Aini and Lily Ratna Sulastrini conducted research with the title "Application of Inbound Official Site Information Systems to Increase Webometrics Rank". This study discusses inbound for Information Systems website, because with the presence of many inbound, of course, will make the official site Information System better known, especially for the Personal Raharja Information Systems department as a place to get accurate information.
4. The research entitled "UTILIZATION OF AUGMENTED REALITY AS A CAMPUS INFORMATION MEDIA USING BROCHURE" in 2015 was carried out by Latus Hermawan and Mochamad Hariadi. This study discusses by utilizing AR technology, information on brochures commonly used to provide information to readers can actually be added to the form of 3D information that is displayed virtually, so that the campus can complete important information that has not been contained in the brochure. The results obtained show that the reader can see the AR brochure in detail and environment in the brochure will also feel more alive with the existence of supporting animations such as buildings, trees, and so forth.
5. The research was carried out in 2018 with the title "Utilization of RinfoSheet as a Media for Information on Goods Sales Reports at the Internet Cafe Shop" by Untung Rahardja, Eka Purnama Harahap, and Dini Intan Pratiwi. This study discusses the use of RinfoSheet as an information medium for recording accounting reports because it can be done anywhere and anytime. Not only that report data that has been inputted can be stored online.
6. The research was carried out by Hani Dewi, Aris Martono and Danang Suprayogi in 2019 with the title "Student Profile Information System at Pessta + Assessment Assessment in Higher Education". The study explained that after the examiner's assessment system that had been developed became online, the student profile information system was also developed online by adding some information that could make the system more communicating to its users. The Final Project can be better and clearer. Because information about student profiles is very important for examiners in providing trial scores to Thesis and Final Project students.
7. The research conducted by Untung Rahardja, Muhamad Yusup and Ana Nurmalina in 2018 "THE IMPLEMENTATION OF iLEARNING SURVEY (iSur) IN IMPROVING THE QUALITY OF INFORMATION SYSTEMS DURING THE LEARNING PROCESS IN HIGHER EDUCATION EDUCATION". This study discusses how to assess the extent to which the campus has developed and how the performance of lecturers in teaching students in the classroom, and iLearning Survey (ISUR) can be used as a valid media information for an assessment throughout Raharja college activities.
8. The research entitled "Prototype of Detection of Rainfall and Information Systems Based on ESP8266 in BMKG Tangerang Class I Geophysical Climatology" conducted by Indri Handayani, Hendra Kusumah and Nursohit in 2018 discussed about developing inexpensive equipment and for providing direct information about weather conditions in certain area. Information on weather conditions whether or not rain occurs, this is very useful for people who want to travel to a certain place or region.

III. RESULT AND DISCUSSION

The examiner's rating system is still under development and will be accessible online at this time so as to facilitate the board of examiners in inputting values. Because the trial assessment system is now integrated with each other. But before this research was carried out everything was still separate because of the different process of developing the system.

The previous session news information system already exists and is used at the final session of students, because the examiner's assessment system still uses the local network. The assessment system of testers who still use local networks makes the information system less optimal in conveying information because it is not yet integrated.

Based on these problems, the examiner's assessment system must be developed so that it can be accessed online with the trial news information system. Because the news information system of the trial becomes one part with the examiner's assessment system so if the examiner's assessment system is developed online, the news news information system can also be accessed online.

Research Implementation

The testing grading system that is being developed so that it can be accessed online by the board of examiners, does not change the flow in the examiner's rating system that uses local networks. The display presented is not like the one that still uses the local network but is more user friendly. So that the board of examiners can easily use it.

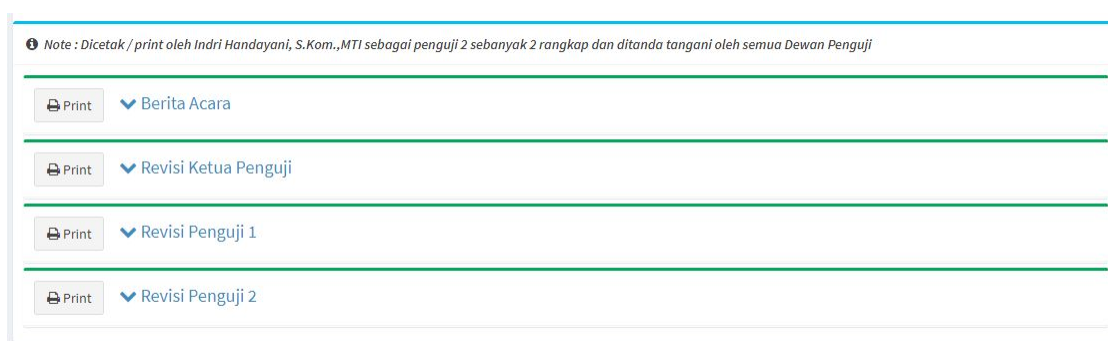


Figure 1. Session News Information System

Figure 1. is a display of a news news information system. In the above display there are four menus, namely the official report, revision from the chairman of the examiner, examiner revision 1 and the revision of the examiner 2. The whole news session was printed and printed by 2 examiners as much as 2 sheets. 1 sheet was given to the participants of the trial while the others were filed.

Print Berita Acara

Berita Acara
Hasil Sidang Dewan Penguji
Jenjang Strata 1

Dilaksanakan pada :
Hari : Senin
Tanggal : 25
Bulan : Februari
Tahun : 2019

Kami yang bertanda tangan dibawah ini menyatakan bahwa :

NIM : 1512489573
Nama : Fina Andhara Khumaida
Jenjang : Strata 1
Jurusan : Sistem Informasi
Konsentrasi : Business Intelligence
Nilai Ujian : 393
Grade : A+
Keterangan : Lulus Bersyarat

Demikian hasil ini disampaikan dengan catatan :

- Harus memperbaiki seluruh kesalahan sesuai dengan catatan Dewan Penguji dalam waktu selambat-lambatnya 10 hari sejak tanggal ditetapkan hasil sidang ini.
- Jika dalam waktu yang ditetapkan mahasiswa tersebut diatas tidak/belum menyelesaikan catatan yang diberikan, maka seluruh hasil sidang skripsi pada hari ini dinyatakan gugur dan mahasiswa tersebut diatas harus mengikuti sidang ulang dengan menyelesaikan berbagai persyaratan akademik yang berlaku saat itu
- Surat keterangan lulus ini akan diberikan pada mahasiswa yang dinyatakan lulus minimal 1 minggu setelah sidang ini.
- Ijazah akan diberikan setelah proses wisuda strata 1 dilaksanakan.
- Kepada mereka yang dinyatakan lulus dapat segera mendaftarkan diri untuk mengikuti proses.
- Kepada mereka yang dinyatakan tidak lulus dapat segera menghubungi Kepala Jurusan masing-masing untuk didaftarkan pada sidang selanjutnya.

Figure 2. Display of minutes of hearings

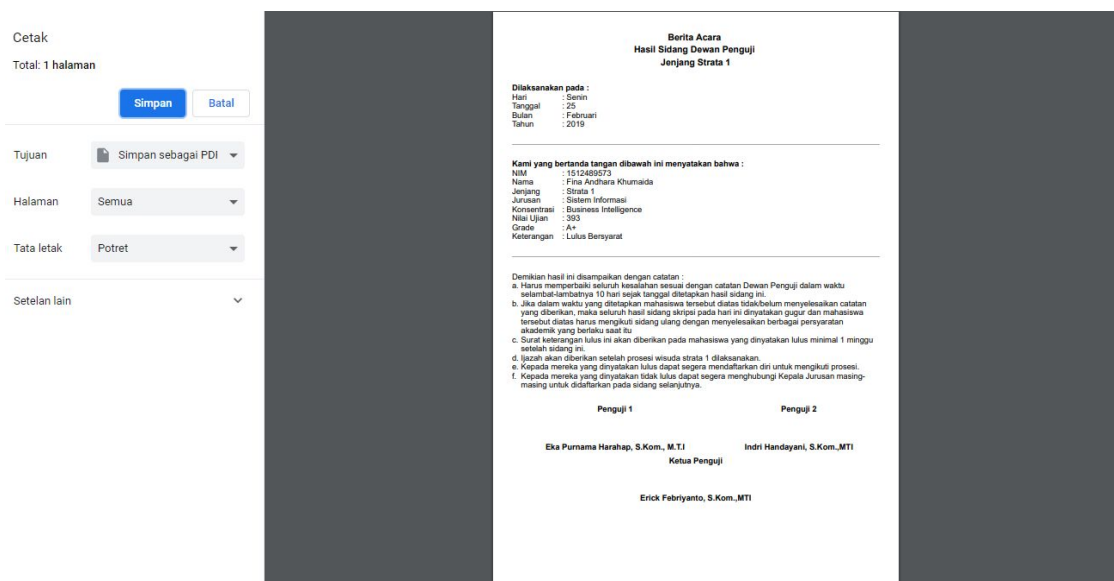


Figure 3. Display print of the minutes of the trial

Figure 2. is the appearance of the minutes of the trial, while picture 3. is a print display of the minutes of the trial. In the appearance of the minutes of the hearing there is information on the day and date of the holding of a comprehensive session, nim, name, level, department of the participants of the trial. Not only that there are grades and grades obtained by the trial participants, and the most important is the status given by the board of examiners whether the trial participants are eligible to be declared a pass or not. And also there are information requirements that must be done by the participants if they have been declared passed by the

board of examiners.



Figure 4. Display revision of the examiner chairman

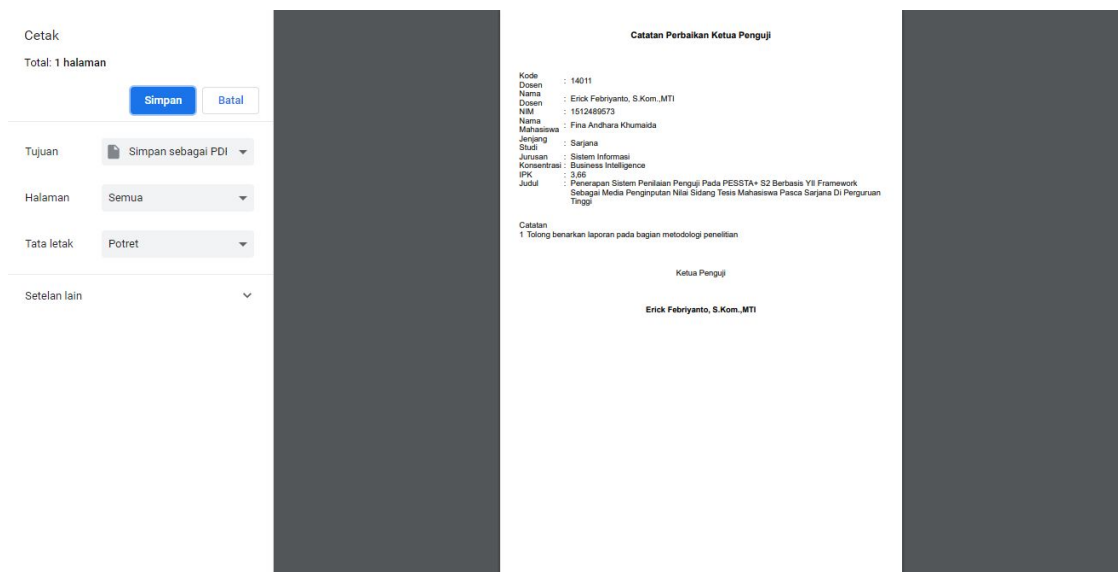


Figure 5. Display print of the revision of the examiner's chairman

Figure 4. is a revised view of the examiner's chairman, while figure 5. is a revision of the examiner's chairman. In the revision of the examining chair there is information about the revision given by the examining chair to the participants of the session with a maximum period of 10 days from the end of the trial.

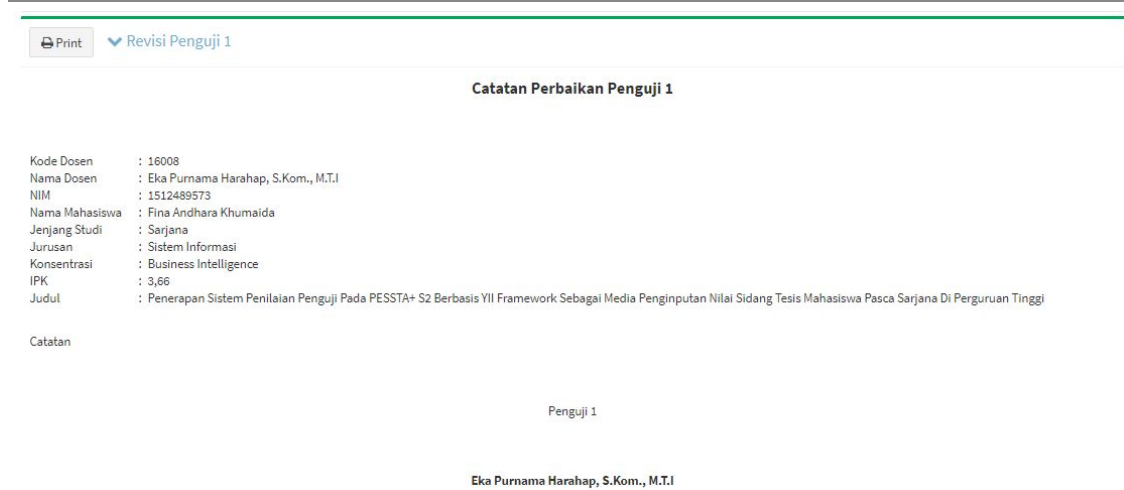


Figure 5. Display of testing revisions 1

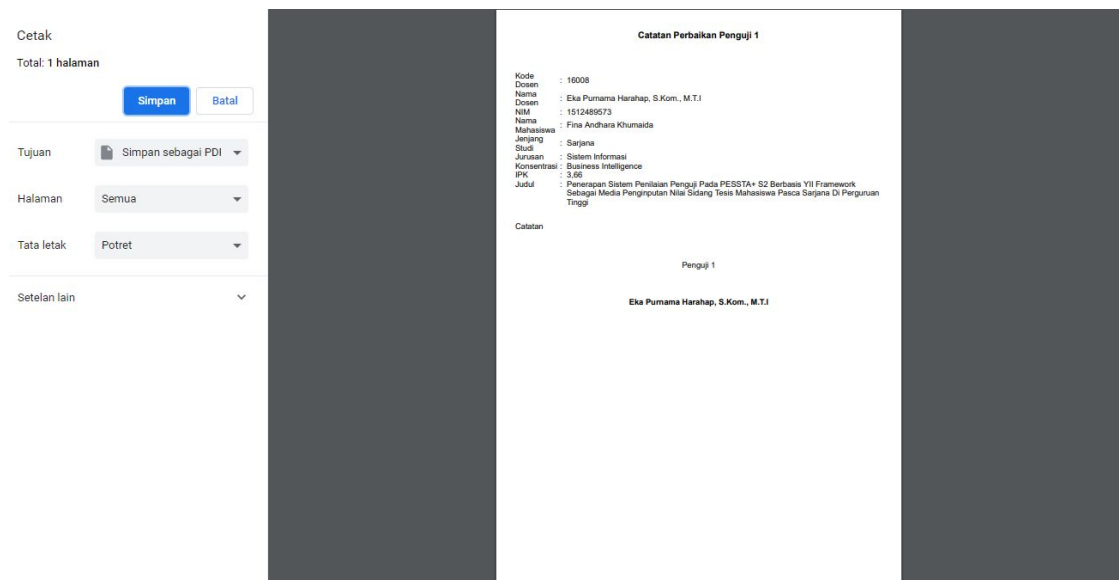


Figure 6. Display print test revision 1

Figure 5. is a revised view given by examiner 1 and picture 6. is a display to print a revision sheet. Usually the board of examiners maximally gives revisions to the trial participants 10 revisions.

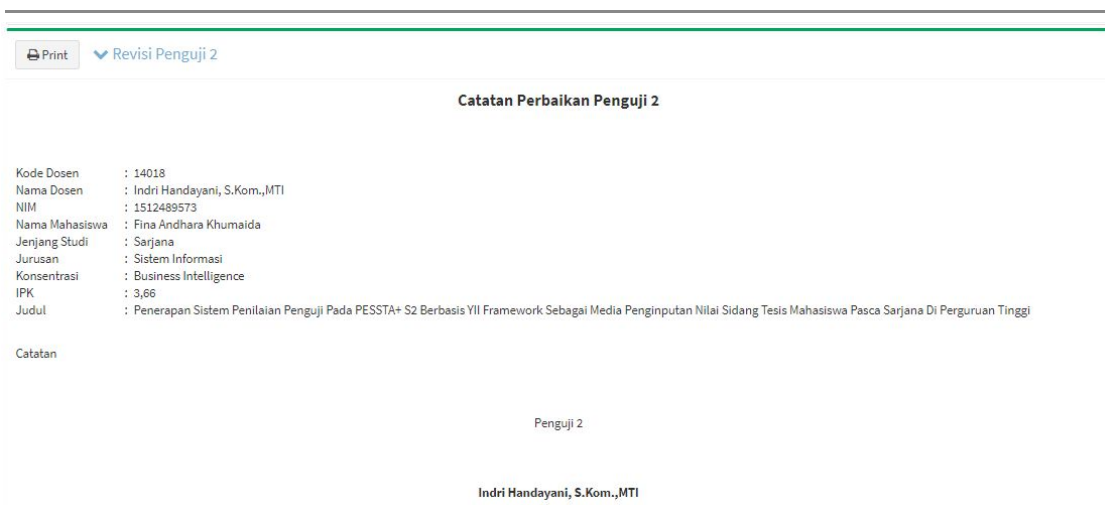


Figure 7. Display of testing revisions 2

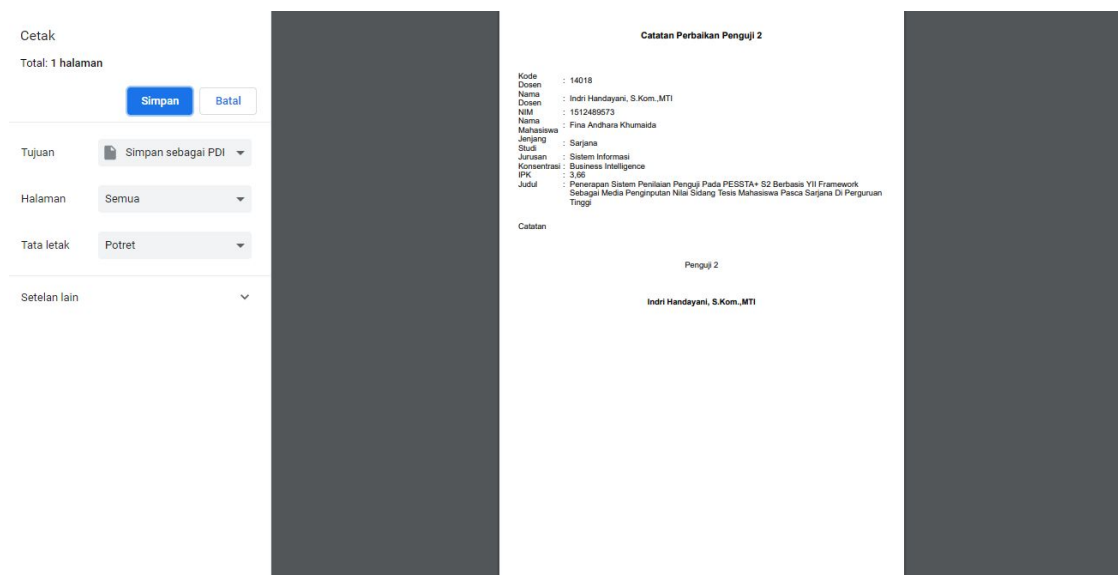


Figure 8. Display print test revision 2

Figures 7 and 8 above are displays for examiner revisions 2. The same as the display of the examiner and examiner chairman 1. The display contains the lecturer number and the name of the examining board in charge. Not only that, there are names, levels, majors and concentration of the participants of the trial.

IV. CONCLUSION

The examiner assessment system that has been developed and can be accessed online makes the trial news information system can also be used by the board of examiners. The user friendly display makes the board of examiners easily use it. In the session news information system there is a lot of information presented, but if it cannot be integrated with other trial assessment systems, it is felt to be less than optimal in its use. There is information on the final results and grades obtained by the trial participants. Not only grades and grades, there is also information on the status of eligible participants declared to pass or not by the board of examiners. Then there is

information about remissions given by the board of examiners to be worked out by the trial participants.

V. ACKNOWLEDGMENT

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REFERENCES

- [1] Sihotang, H. T. (2018). Sistem Informasi Pengagendaan Surat Berbasis Web Pada Pengadilan Tinggi Medan. *Journal Of Informatic Pelita Nusantara*, 3(1).
- [2] Aryani, D., Nurdin, M. A., & Baskara, P. (2017). SISTEM INFORMASI PENGELOLAAN ASET KENDARAAN BERMOTOR PADA STMIK RAHARJA TANGERANG. *CERITA Journal*, 3(1), 75-84
- [3] Kirom, M. (2014). Sistem informasi geografis Pemetaan suara pemelukada berbasis open source di kabupaten jombang. *Eduitic-Scientific Journal of Informatics Education*, 1(1).
- [4] Rahardja, U., Aini, Q., & Sulastrini, L. R. (2017). Penerapan Inbound Official Site Sistem Informasi Untuk Meningkatkan Rank Webometrics. *Technomedia Journal*, 1(2), 105-115.
- [5] Hermawan, L., & Hariadi, M. (2015). Pemanfaatan Augmented Reality Sebagai Media Informasi Kampus Menggunakan Brosur. In *Seminar Nasional Teknologi Informasi dan Komunikasi (SENTIKA) Yogyakarta*(Vol. 28).
- [6] Rahardja, U., Harahap, E. P., & Pratiwi, D. I. (2018). Pemanfaatan RinfoSheet Sebagai Media Informasi Laporan Penjualan Barang pada Raharja Internet Cafe. *Jurnal Ilmiah Teknologi Informasi Asia*, 12(1), 65-74.
- [7] Ariessanti, H. D., Martono, A., & Suprayogi, D. (2019). SISTEM INFORMASI PROFIL MAHASISWA PADA PENILAIAN PENGUJI PESSTA+ DI PERGURUAN TINGGI. *CERITA Journal*, 5(1), 76-88.
- [8] Rahardja, U., Yusup, M., & Nurmaliana, A. (2014). Penerapan iLEARNING SURVEY(iSur) dalam Meningkatkan Kualitas Sistem Informasi Selama Proses Pembelajaran Di Perguruan Tinggi raharja. *CCIT Journal*, 7(3), 335-354.
- [9] Handayani, I., & Kusumah, H. (2018). Prototipe Deteksi Curah Hujan Dan Sistem Informasi Berbasis Pada ESP8266 Di BMKG Klimatologi Geofisika Klas I Tangerang. *Voice Of Informatics*, 7(2). [6]. Upasani, Mayuri dan Patil, Sagita. 2018. *Grid Connected Solar Photovoltaic System With Battery Storage For Energy Management*. *Processdings Of The Second International Conference On Inventive System And Control (ICISC 2018)*. IEEE Xplore Compliant-Part Number: CFP18J06-ART, ISBN: 978-105386-0807-4. ©2018 IEEE.
- [7]. Zulfikar, Dafi dan Broto Wisnu. 2016. "Optimalisasi Pemanfaatan Energi Listrik Tenaga Surya Skala Rumah Tangga". *Jurnal. Prosiding Seminar Nasional Fisika (E-Journal) SNF2016*. Vol. V, Oktober 2016. P-ISSN: 2339-0654
- [8]. Munthe, Berayan. 2016. *Modul Belajar Motor Listrik 1*. Purwakarta. Politeknik Enjinerig Indorama.
- [9]. Suryadi, Aris. 2017. Perancangan Instalasi Penangkal Petir Eksternal Metoda Franklin pada Politeknik Enjinerig Indorama, *SINERGI* Vol. 21, No. 3, Oktober 2017 : 219-230
<http://doaj.org/toc/2460-1217> <http://doi.org/10.22441/sinergi.2017.3.009>
- [10]. Suryadi, Aris. 2015. *Diktat Pembangkit Energi Listrik & Lab*. Purwakarta. Politeknik Enjinerig Indorama.