

Developing School Information Program: Integrated Management System based on Character Value at SMP Negeri 9 Tapung

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Developing School Information Program: Integrated Management System based on Character Value at SMP Negeri 9 Tapung

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ABSTRACT

This research aims to develop a student data management system at 9 Tapung Junior High School (SMP) Negeri 9 Tapung, which has not documented using a computer or school web using text-based programming languages like HTML, JavaScript, CSS, and PHP. The student information system design at SMP Negeri 9 Tapung in its manufacture uses a literacy methodology where each phase can be carries repeatedly until it gets the desired results. The phase of system manufacture is the investigation, analysis, design, and implementation. To make this application, the author uses PHP and MySQL. This development research results create a student information system application that can display school data, student data, graphics form, and development, including data on honesty and discipline. The system also displays the student interests and talents observed, extracurricular activities, student violations, and achievement. This application still needs development, refinement, and the addition of features. Suggestions and criticism need from all related parties to create a better and structured information system to improve the quality and character of SMP Negeri 9 Tapung.

INTRODUCTION

Student components' existence is very much needed, especially that students implement an educational activity at school, which is both a subject and an object in transforming knowledge and essential skills. To manage student data to make it easier to carry out activities at Junior High School (SMP) Negeri 9 Tapung, the author made it a research place because the program information system about student work in the school has not documented using a computer or school website.

The student information system design at SMP Negeri 9 Tapung in its manufacture uses a literacy methodology where each stage or phase can repeatedly carry out until it gets the desired results with stages, namely investigation, analysis, design, and implementation. To make this application, the author uses PHP and MySQL. The resulting applications include school data, student data, report data, and student graph data, including data on the development of honesty, discipline, student interests and talents observed during counseling, extracurricular activities, student violations, achievement, and talent.

In this case, the authors chose SMP Negeri 9 Tapung, Tapung District, Kampar Regency. The school is in great demand by the people here, especially the people in Tapung. It can see from the increasing number of students. The aims and objectives of this research are to build an effective and efficient student administration information system using HTML (HyperText Markup Language) programming

language that can be accessed locally on a local host in a Local Area Network (LAN) network system. are: To design a student information system at SMP Negeri 9 Tapung, Tapung District, Kampar Regency.

METHODS

The type of data used in this research is qualitative data. Qualitative data is data in the form of words, not in the form of numbers. Qualitative data obtained through various data collection techniques, such as interviews and analysis of documents recorded in field notes (transcript). The data source used by the authors in this study is secondary data.

Secondary data is data obtained through intermediaries or indirectly so that the researcher needs to find or collect. In conducting research, information and data are needed as the basis for system development to support the discussion's validity in this research report—information and data obtained from the literature study, observation, and documentation.

According to Bogdan and Taylor (in Iskandar, 2013; 221), data analysis is a process that looks for formal efforts to find themes and formulate ideas as suggested by the data and as an effort to assist with those themes and ideas. The data analysis used is a descriptive-analytic method, which describes the data collected in words, pictures, and not numbers. Data derived from manuscripts, interviews, field notes, documents, and more. Are then describing to clarify reality or reality. The qualitative data analysis techniques used as follows:

Data collection

The collecting data is the research process stage, where the researcher applies specific scientific methods and techniques to systematically collect data for analysis purposes—the data collected in this research carrying by several methods, including observation and document reviews. The used data include school profile, school history, teacher data, student data, organizational structure, and more.

Data reduction

Reducing data means summarizing, selecting the main things, focusing on the essential things, looking for themes and patterns, and removing unnecessary. Data reduction can make by abstracting it. Abstraction attempts to make a core summary, process, and statements that need to remain in the research data. In other words, the data reduction process is carried out by researchers continuously when conducting research to produce core notes from the data obtained from the results of data mining.

Data Presentation (Data Display)

Data presentation is a structured collection of information that gives the possibility of concluding. The goal of data visualization is to communicate data or information clearly and effectively to readers. In this research, data is visualizing in a chart, infographic, diagram, or map.

Conclusion / Verification

Conclusion or verification is the final stage in the data analysis process. In this section, the researcher expresses conclusions from the data that has been obtaining. This activity intends to find the meaning of the data collected by looking for relationships, similarities, or differences. Drawing conclusions can finish by comparing the suitability of the research subjects' statements with the meanings contained in the basic concepts in the study.

RESULTS

Current System Analysis

The current system case is a description of the flow of the system that is running in school about how schools provide assessments to students; for more details, it can be seen in Figure 1 below:



Figure 1. Current System Case

Old System Evaluation

After seeing the flow of the use case that is currently running, it can evaluate several things that are considered essential, such as 1) It is necessary to have an information system that stores data in a database; 2) Information systems are needed so that operators no longer need to record assessments

Proposed New System

The new use case diagram will explain the steps carried out by each actor in the information system; more details can see in Figure 2 below.

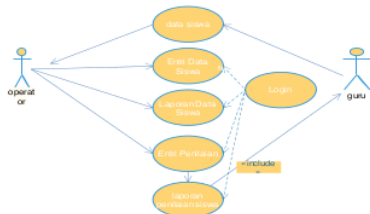


Figure 2. New System case

Class Diagram

The class diagram is a display between the relationships from the database that we will create. This class diagram is a data container for the data that we will input. For more details, we can see in Figure 3:

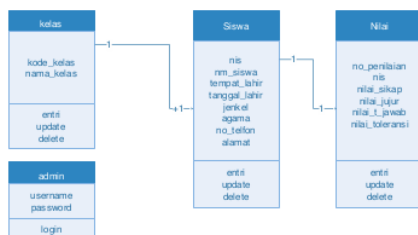


Figure 3. Class Diagram on system

Activity Diagram

Activity Diagram is a description of the activities of actors; here, the author only displays the activities of school operators; for more details, see the table below:

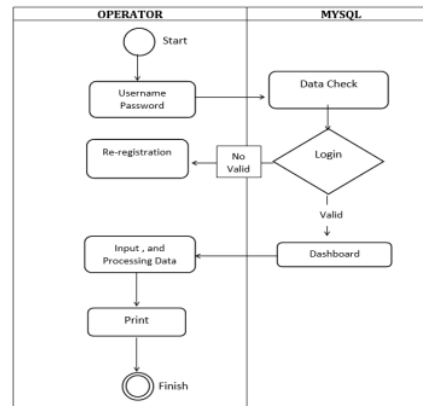


Figure 4. Activity Diagram on system

System Testing

Admin Login Form

Figure 5. Admin Login Form on system

Admin Dashboard



Figure 6. Admin Dashboard on system

School Profile

Nama Sekolah	SMP Negeri 9 Tapung
Nama Kepala Sekolah	Khairi Anwar, S.Ag, M.Pd
NPSN	02460281
Status	Negeri
Bentuk Pendidikan	SMP
Akreditasi	A (SNPPT 5400)
Status Kepribadian	Pemerintah Daerah
Alamat	Jalan Teratai II No. 1 Desa Sungai Putih Kec. Tapung
SK Pendidikan Sekolah	00000000000000000000

Figure 7. Junior High School Profile

Add New User Form

NO	NIS	NAMA SISWA	TEMPAT LAHIR	TANGGAL LAHIR	JENIS KELAKS	KELOMPOK	NOHPK TELEPON	ALAMAT	AGAMA	KET.	Aksi
12423	42342	Yandri Permadi	Pelabuan	2000-09-03	Perempuan	0	08224234234	Jalan Penganggang	Islam	-	Edit, Delete, Cetak

Figure 8. Add New User Form

Deleting User

NO	NIS	NAMA SISWA	TEMPAT LAHIR	TANGGAL LAHIR	JENIS KELAKS	KELOMPOK	NOHPK TELEPON	ALAMAT	AGAMA	KET.	Aksi
12423	42342	Yandri Permadi	Pelabuan	2000-09-03	Perempuan	0	08224234234	Jalan Penganggang	Islam	-	Edit, Delete, Cetak

Figure 9. Deleting User

Student Data Display Form

NO	NIS	NAMA SISWA	TEMPAT LAHIR	TANGGAL LAHIR	JENIS KELAKS	KELOMPOK	NOHPK TELEPON	ALAMAT	AGAMA	KET.	Aksi
12423	42342	Yandri Permadi	Pelabuan	2000-09-03	Perempuan	0	08224234234	Jalan Penganggang	Islam	-	Edit, Delete, Cetak
12456789	12321	Randi Simanungkal	Medan	2018-09-11	Laki-laki	7	0214763647	Jalan Kusuma	Islam	-	Edit, Delete, Cetak
111111111	5444	Muhammad Yajay Arusi	Medan	2018-09-03	Laki-laki	7	082039123121	Jalan Rau	Islam	-	Edit, Delete, Cetak
123222211	12321	Raiman	Pelabuan	2018-09-04	Laki-laki						Edit, Delete, Cetak

Figure 10. Student Data Display Form

Changing Student Data Form

EDIT DATA SISWA

NISN: 12423
 NIS: 42342
 NAMA SISWA: Yandri Permadi
 TEMPAT LAHIR: Pelabuan
 TANGGAL LAHIR: 2000-09-03 Tanggal
 JENIS KELAKS: Perempuan
 KELOMPOK: 0
 NOHPK TELEPON: 08224234234
 ALAMAT: Jalan Penganggang
 AGAMA: Islam
 KETERANGAN LAINNYA: -

Update Back

Figure 11. Changing Student Data Form

Showing Teachers Form

DATA GURU

NO	NIP	NAMA GURU	STATUS	KELOMPOK	AGAMA	Aksi
111	12423	Yandri Permadi	0	Islam	Islam	Edit, Delete, Cetak
121	12423	Yandri Permadi	0	Islam	Islam	Edit, Delete, Cetak

Figure 12. Showing Teachers Form

Add and Editing Teacher Data Form

TAMBAH DATA GURU

Nama Guru: Yandri Permadi
 Nama Guru: Yandri Permadi
 NIP: 12423
 Nama Pelajaran: Matematika
 Jabatan: Guru Kelas

Simpan Reset Back

Figure 13. Add and Editing Teacher Data Form

Honest Attitude Character Assessment Form

NILAI SIKAP : JUJUR

Sikap Jujur adalah perilaku dapat dipercaya dalam perkataan, tindakan dan perbuatan.

NISN: 12423 NAMA SISWA: Yandri Permadi KELAS: 0

NO. 1 2 3 4 5

1. Tidak menyontek dalam mengerjakan ulangan.
 2. Tidak menjiplak/mengambil/mengutip karya orang lain tanpa menyebutkan sumber.
 3. Mengungkapkan perasaan apa adanya.
 4. Menyampaikan kepada yang berwenang barang yang ditemukannya.
 5. Membuat laporan berdasarkan data atau informasi apa adanya.

Figure 15. Honest Attitude Character Assessment Form

Discipline Assessment Form

NILAI SIKAP : DISIPLIN				
Disiplin Adalah tindakan yang menunjukkan perilaku tertib dan patuh pada berbagai ketentuan dan peraturan.				
NO	22423	NAMA SISWA	Tempat Pembela	ELAK
ASPEK PENGAMATAN				
NO.	SISWA			
	1	2	3	4
1.	☐	☐	☐	☐
2.	☐	☐	☐	☐
3.	☐	☐	☐	☐
4.	☐	☐	☐	☐
1. Datang tepat waktu. 2. Patuh pada tata tertib atau peraturan bersama/sekolah.. 3. Mengurangi/mengendalikan lughas sesuai dengan waktu yang telah ditentukan. 4. Mengikuti kaidah berbusana baik yang baik dan benar.				
SIBAS (SIBAS BERKUALITAS PEMBELAJARAN) No. 83 A Tahun 2013 SIBAS adalah : (Sifat dipersepsi/Sifat Hakekat) $a < \text{Sifat Asli}$ RELASI SIBAS adalah : Hasil > 3,33 Sangat Baik Hasil < 2,33 Baik Hasil > 1,33 Cukup Hasil < 1,33 Kurang				
SIMPAN KEMBALI				

Figure 16. Discipline assessment form

Responsibility assessment Form

NILAI SIPAK : TANGGUNG JAWAB					
Tanggung Jawab adalah sikap dan perilaku seseorang untuk melaksanakan tugas dan kewajibannya yang seharusnya dia lakukan, terhadap diri sendiri, masyarakat, lingkungan (alam, sosial dan budaya), negara dan Tuhan Yang Maha Esa...					
NISN	22022	NAMA SISWA	Yusuf Hamid	ALAM	8
NO.		SISWA			
1	2	3	4	5	
ASPEK PENGAMATAN					
1.	☒	☒	☒	Melaksanakan tugas sendiri dengan baik	
2.	☒	☒	☒	Memerintasi resiko dari tindakan yang dilakukan.	
3.	☒	☒	☒	Tidak menyebarkan/menuduh orang lain tanpa bukti yang akurat.	
4.	☒	☒	☒	Mengembalikan barang pinjaman.	
5.	☒	☒	☒	Mengaku dan meminta maaf atas kesalahan yang dilakukan..	
6.	☒	☒	☒	Menepati janji	
7.	☒	☒	☒	Tidak menyebarkan orang lain untuk kesalahan tindakan kita sendiri.	
8.	☒	☒	☒	Melaksanakan apa yang pernah dilakukan tanpa diawasi/diminta..	
AKHIR AKU MENYUKAI (berdasarkan Pengetahuan Diri) No. 81 & Tahun 2013) siswa adalah : (sifat Apes/curi/sifat Malas) 4 + 4 = skor Akhir NILAI SIPAK adalah Skor = 3,33 lengkap baik = 2,33 baik atau tidak = 1,33 cukup atau tidak = 1,33 Kurang					

Figure 17. Admin Login Form on system

Tolerance Assessment Form

NILAI SIKAP : TOLERANSI

Toleransi adalah sikap dan tindakan yang menghargai keberagaman latar belakang, pandangan dan keyakinan...

Tanggal Nomor Ujian Kelas

NO.	SIKAP	ASPEK PENGAMATAN
1.	☒ ☐ ☐ ☐	Tidak mengganggu teman yang berbeda pendapat.
2.	☒ ☐ ☐ ☐	Memerika kesepakatan meskipun berbeda dengan pendapatnya.
3.	☒ ☐ ☐ ☐	Dapat menerima keberagaman orang lain.
4.	☒ ☐ ☐ ☐	Mampu dan mau bekerja sama dengan siapa pun yang memiliki keberagaman latar belakang, pandangan, dan keyakinan.
5.	☒ ☐ ☐ ☐	Tidak melakukan penghapusan keyakinan diri pada orang lain.
6.	☒ ☐ ☐ ☐	Kecerdasan untuk belajar dari/berbeda terhadap perbedaan dan gagasan orang lain agar dapat memahami orang lain lebih baik.
7.	☒ ☐ ☐ ☐	Terbuka terhadap atau kenelekun untuk menerima sesuatu yang baru.

JAWABAN MENDUKA (berdasarkan Perseida/Modul No. 91 A Tahun 2012)
 HASIL ulaian : (Sikap Apes/berbeda/Sikap Berbeda) = 4 + 5 = Sikap Apes
 HASIL ulaian ulaian
 HASIL ulaian ulaian = 3,33 Sangat Buruk ulaian = 3,33 Buruk ulaian = 3,33 Cukup ulaian = 3,33 Kurang

Figure 18. Tolerance Attitudes Form

Mutual Character Assessment Form

NILAI SKIP : GEMAR BERGOTONG ROYONG

Gotong Royong adalah kegiatan bersama-sama dengan orang lain untuk mencapai tujuan bersama dengan saling berbagi tugas dan bekerja dengan semangat suka rela.

NAMA :
 NOOR GIDAR :
 TANGGAL :
 KELAS :

NO.	JAWAB			JAWAB PENGALAMAN
	A	B	C	
1.	☐	☐	☐	Terdapat sifat dalam bekerja lebih mendahulukan hal-hal yang sepele.
2.	☐	☐	☐	Kemudahan melakukan tugas sesuai kemampuan.
3.	☐	☐	☐	Bersedia membantu orang lain tanpa mengharap imbalan.
4.	☐	☐	☐	Sifat dalam kerja kolektif.
5.	☐	☐	☐	Mempunyai perhatian pada tujuan kelompok.
6.	☐	☐	☐	Tidak mendahulukan kepentingan pribadi.

Figure 19. Mutual Character Assessment Form

Polite Assessment form

Nilai Sikap / Sopan Santun

Isilah dengan nama Anda yang baik dalam pengisian baik dalam bentuk maupun horizontal baik. Nama kesatuan bertaqat orang yang dianggap baik sesuai pada tempat dan waktu tersebut baik sesuai pada tempat dan waktu yang lain.

NO	12345	Nilai Sikap / Sopan Santun	Tempat	Waktu	
NO.	1	2	3	4	ASPEK PENGAMATAN
1.	☒	☐	☐	☐	Menghormati orang yang lebih tua.
2.	☒	☐	☐	☐	Tidak berkata kata kasar-kasar dan tidak.
3.	☒	☐	☐	☐	Tidak melakukan pembungkaman tempat
4.	☒	☐	☐	☐	Tidak menyela pembicaraan pada waktu yang tidak tepat.
5.	☒	☐	☐	☐	Mengucapkan terimakasih setelah menerima bantuan orang lain.
6.	☒	☐	☐	☐	Berhikab (Giat, Senyum, Sapa).
7.	☒	☐	☐	☐	Meminta izin ketika akan memasuki ruangan orang lain atau menggunakan barang milik orang lain.
8.	☒	☐	☐	☐	Mengucapkan orang lain sebagaimana dia sendiri ingin diperlakukan.

Figure 20. Polite assessment form

Self-Confidence assessment form

Nilai Sikap : PERCAYA DIRI

Percaya Diri adalah kondisi mental yang penguasaan seseorang yang mengambungi keyakinan kuat tentang kebaikan atau bertindak.

Nama :
 NPM :
 Nama Lengkap :
 Kelas :

No.	Jawab				Aspek Pengamatan
	1	2	3	4	
1.	☐	☐	☐	☐	Berpendapat atau melakukan kegiatan tanpa ragu-ragu.
2.	☐	☐	☐	☐	Mampu membuat keputusan dengan cepat
3.	☐	☐	☐	☐	Tidak mudah putus asa.
4.	☐	☐	☐	☐	Tidak canggung dalam bertindak.
5.	☐	☐	☐	☐	Berani presentasi di depan kelas.
6.	☐	☐	☐	☐	Berani berpendapat, bertanya, atau menjawab pertanyaan.

Nilai Akhir (Rendahnya Persepsi Diri) = 63 A Tahun 2013

Nilai akhir : (Jumlah skor/total skor maksimum) x 4 = 100

Nilai Akhir Group adalah :

Hasil > 3,33 Sangat Baik atau Hasil > 3,33 Baik atau Hasil > 3,33 Cukup atau Hasil < 3,33 Kurang

Figure 21. Self-Confidence assessment form

Character Value Form

[illegible]

Figure 22. Character Value Form

Form to print Students Character Value

NILAI SIKAP SISWA	
Nama Sekolah	SMP Negeri 9 Tapung
Nama Peserta didik	Randi Simanra Pak P
Nomor Induk SISWA	12222 / 123456789
Nilai Sikap Jujur	baik
Nilai Sikap Disiplin	baik
Nilai Sikap Tanggung Jawab	baik
Nilai Sikap Gotong Royong	baik
Nilai Sikap Sopan	-
Nilai Sikap Percaya Diri	baik

Figure 23. The print students character value

Form to print student data

DATA SISWA	
Nama Peserta didik	: Yandri Pemildo
Nomor Induk/NISN	: 42342 / 32423
Nama Sekolah	: SMP Negeri 9 Tapung
Alamat Sekolah	: Jalan Teratai , Tapung

Figure 24. Print student data

DISCUSSION

Based on Permendikbud No. 24 of 2016, regarding core competencies and essential competencies, one of which is Core Competency 2, there are 7 (seven) attitudes. Processing the results of the attitude value for the predicate "Very Good" is if students tend to have an excellent attitude in most subjects, it can assume that these students' predicate is very good. Meanwhile, if students do not have any notes in the journal, these students' attitudes can be assumed to be "Good" (Guidelines for Assessment by Students and Education Units for Junior High Schools; 39). The formulation indicators of student attitude consisting of honesty, discipline, responsibility, cooperation, cooperation, tolerance, courtesy, and self-confidence (see Guidelines for Assessment by Students and Education Units for Junior High Schools; 35).

Tabel 1. Student Attitude Indicators

Attitude and Understanding	Indicator
Honest Honest attitude is responsible behavior in words, actions, and deeds.	- The students must not cheat on taking exams or tests. - It does not become plagiarism (taking/copying other people's work without mentioning the source). - Express feelings as they are. - Turning over to the authorities, the items he finds. - Create reports based on data or information as is. - The students must acknowledge mistakes or deficiencies that the students have.
Discipline A disciplined attitude is an action that shows orderly behavior and complies with various rules and regulations.	- Arrive on time. - Obey the rules or regulations with the school/school. - Work on or collect assignments according to a predetermined time. - Follow the rules of right and correct written language. - Carry out individual tasks properly and accept the risk of the actions taken.
Responsible It is a person's attitude and behavior to carry out his duties and obligations that he should do towards himself, society, the environment (natural, social, and cultural), the country, and God Almighty.	- The students must not blame/accusing others without real evidence. - The students must return borrowed items. - Acknowledge and apologize for wrongdoing. - The students must keep promises and not blame others for the mistakes of our actions. - Carry out what has said without being asked. - Do not bother friends with different opinions. - Accept an agreement even if it differs from his opinion. - Can accept other people's shortcomings.
Tolerance Tolerances are attitudes and actions that respect a variety of backgrounds, views, and beliefs	- Able and willing to work with anyone with a variety of backgrounds, views, and beliefs. - Do not insist on opinions or self-confidence in others. - The students must be willing to learn from (being open to) others' beliefs and ideas to understand other people better. - Open or willing to accept something new.
Cooperation Is working together with others to achieve common goals by sharing tasks and mutual help sincerely	- The students must actively be involved in community service cleaning classes or schools. - The students must willingness to carry out tasks as agreed. - Willing to help others without expecting anything in return and active in group work.

Attitude and Understanding	Indicator
Polite It is the right attitude in the association, both in speaking and in behavior. Norms of politeness are relative, meaning that what is considered good/polite at a particular place and time can be different at other places and times	- The students must focus on group goals. - The students must not prioritize personal interests. - The students must find ways to overcome differences in opinion/thoughts between themselves and others. - Encourage others to work together to achieve common goals. - Respect for elders. - The students must learn no words harsh and obscene. - Do not spit anywhere. - The students must not interrupt conversations at inappropriate times. - The students must say thanks after receiving help from others and must behave greetings, smiles - Ask for permission when entering someone else's room or using other people's belongings. - The students must treat others as students would like to treat
	- Opinions or activities without hesitation. - Able to make decisions quickly. - Not easily discouraged. - Not awkward in acting. - Dare to present to the class. - Dare to argue, ask, or answer questions.
Confidence. Is a mental or psychological condition of a person who gives a strong belief to act or act	

According to the Regulation of the Minister of Education and Culture Number. 81A in 2013, students obtained the scores are:

1. Very good: when obtaining a score: $3,33 \leq \text{score} \leq 4,00$
2. Good: when obtaining a score: $2,33 \leq \text{score} \leq 3,33$
3. Enough: when obtaining a score: $1,33 \leq \text{score} \leq 2,33$
4. Less: when obtaining a score: $\text{score} \leq 1,33$

CONCLUSION

The student information system at SMP Negeri 9 Tapung uses text-based programming languages such as HTML, JavaScript, CSS, and PHP. This system manages student data related to attitude character assessment to assess students' behavior while in school to make it easier to carry out routine student affairs and improve character in the teaching and learning process. The character assessments that are processed are honesty, discipline, responsibility, tolerance, cooperation, self-confidence, and tolerance. A computerized system will simplify the teacher's duties in carrying out disciplinary enforcement actions and increase students' character in school. This information system is the initial stage in managing data on students' attitudes and character values. For this reason, the development, improvement, and addition of features and suggestions and criticisms from all parties expecting to create a better and structured information system for the improvement of the quality and character of students who are good at school.

REFERENCES

- Andrianto, S., & Wijoyo, H. (2020). Rancang Bangun Sistem Informasi Siswa Berbasis Web di Sekolah Minggu Buddha Vihara Dharmaloka Pekanbaru. *TIN: Terapan Informatika Nusantara*, 1(2), 83-90.
- Anggraeni, Elisabet Yunaeti dan Rita Irfiani (2017). *Pengantar Sistem Informasi*. Yogyakarta: CV. Andi Offset (Penerbit Andi).

- Ayu, Fitri dan Nia Permata Sari, (2018). Perancangan Sistem Informasi Pengolahan Data Praktek Kerja Lapangan (PKL) pada Devisi Humas PT. Pegadaian. *Jurnal Intra-Tech* Vol. 2, No. 2 Oktober 2018. AMIK Mahaputra; Riau.
- Bramesta, & Wijoyo, H. (2019). Perancangan Sistem Informasi Pengelolaan Data Warga Binaan Sosial Di UPT. Bina Laras Dinas Sosial Provinsi Riau. *Jurnal Ilmu Komputer dan Bisnis*, 10(2), 2226–2233. <https://doi.org/10.47927/jikb.v10i2.170>
- Enterprise, Jubilee (2016). *Trik Cepat Menguasai Microsoft Visio*. Jakarta: PT. Elex Media Komputindo.
- Enterprise, Jubilee. (2017). *HTML 5 Komplet*. Jakarta: PT. Alex Media Komputindo.
- Fipiana, Wahyu Inggar, (2018). *Penggunaan Aplikasi Komputer Praktis Microsoft Office Visio*. Ponorogo: Uwasi Inspirasi Indonesia.
- Firman, Hans F. Wowor, Xaverius Najooan (2016). Sistem Informasi Perpustakaan Online Berbasis Web. *E-Journal Teknik Elektro dan Komputer* vol.5 no.2 Januari-Maret 2016
- Firmansyah, S. E., & Si, M. (2020). *Kewirausahaan Berbasis Teknologi (Teknopreneurship)*. Purwokerto: Penerbit CV. Pena Persada
- Rifuddin, B., Ilham, D., & K, N. (2020). Academic Services in Islamic Education Management Study Program: The Actualization of the Basic Values of the State Civil Apparatus at IAIN Palopo. *International Journal of Asian Education*, 1(2), 81-94. <https://doi.org/10.46966/ijae.v1i2.34>
- Isa, I. G. T., & Hartawan, G. P. (2017). Perancangan Aplikasi Koperasi Simpan Pinjam Berbasis Web (Studi Kasus Koperasi Mitra Setia). *Jurnal Ilmiah Ilmu Ekonomi (Jurnal Akuntansi, Pajak Dan Manajemen)*, 5(10), 139–151.
- Iskandar, Yenny. (2018). *Buku Ajar Pengantar Aplikasi Komputer*. Yogyakarta: Deepublish.
- Mardiani, Eri dkk. (2016). *Aplikasi Penggajian Menggunakan Visual Basic, MySQL, dan Data Report*. Jakarta; PT. Elexmedia Komputindo.
- Munawar. (2015), *Pemodelan Visual dengan UML*. Jakarta Barat: Perpustakaan Universitas Esa Unggul.
- Supono, (2018). *Pemograman Web Dengan Menggunakan PHP dan Framework Codeigniter*. Deepublish; Yogyakarta.
- _____. (2017). *Panduan Penilaian oleh Peserta Didik dan Satuan Pendidikan untuk Sekolah Menengah Pertama*. Kementrian Pendidikan dan Kebudayaan; Jakarta; Direktorat Pembinaan Sekolah Menengah Pertama.
- Wijoyo, H. (2020). Rancang Bangun Sistem Penjualan pada CV. Sukses Karya Abadi Berbasis Web. *Jurnal Ilmu Komputer dan Bisnis*, 11(1), 2306-2319.
- Wijoyo, H. Perancangan Sistem Informasi Administrasi pada Quality Fresh Laundry Pekanbaru. *JS: Jurnal Sekolah*, 4(1), 27-32.
- Wijoyo, H., & Marpaung, S. L. (2020). The Influence of Quality Information and Reputation Of TIX ID Application Toward the Interest of Purchase Tickets Online in XXI Cinema Ciputra Seraya Mall Pekanbaru City. *Jurnal Suluh Pendidikan*, 8(2), 9–21. <https://doi.org/10.36655/jsp.v8i2.275>

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