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***ANALYZING THE QUALITY OF WEB-BASED SCHOLARSHIP  
INFORMATION SYSTEM USING ISO/IEC 25010 STANDARD*****TUGAS AKHIR**

Diajukan Sebagai Salah Satu Syarat  
untuk Memperoleh Gelar Sarjana Komputer pada  
Program Studi Sistem Informasi

Oleh:



**FADILAH NURUNNISA**

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UIN SUSKA RIAU

**FAKULTAS SAINS DAN TEKNOLOGI**

**UNIVERSITAS ISLAM NEGERI SULTAN SYARIF KASIM RIAU**

**PEKANBARU**

**2024**

**LEMBAR PERSETUJUAN**

***ANALYZING THE QUALITY OF WEB-BASED SCHOLARSHIP  
INFORMATION SYSTEM USING ISO/IEC 25010 STANDARD***

**TUGAS AKHIR**

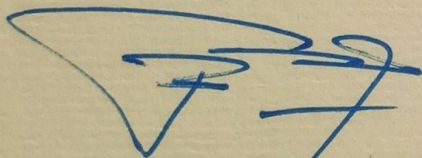
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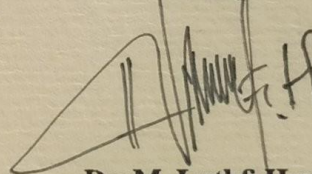
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## LEMBAR PENGESAHAN

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Pekanbaru, 20 Juni 2024

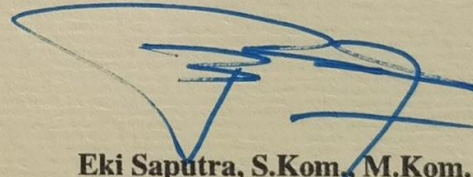
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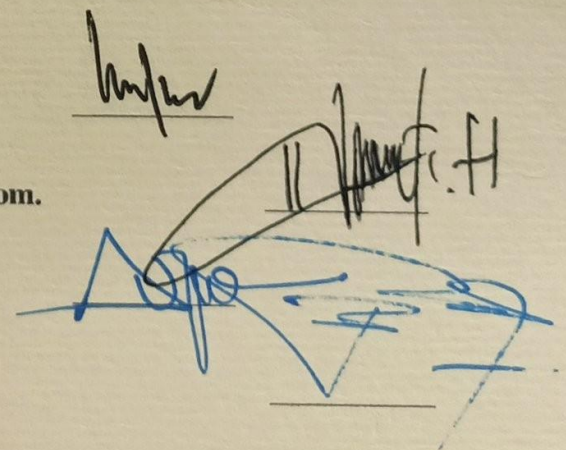
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

*Dengan menyebut nama Allah yang maha pengasih lagi maha penyayang*

*Assalamu 'alaikum Warahmatullahi Wabarakatuh,*

*Bismillahirrahmanirrahim Subhanallah Walhamdulillah Wa Laailahaillallah Wallahuakbar, Allahumma Sholli Ala Sayyidina Muhammad Wa Ala Ali Sayyidina Muhammad. Alhamdulillah hirobbil alamin, segala puji bagi Allah Subhanahu Wa Ta'ala, tuhan semesta alam dan pemilik segenap perkara yang menciptakan manusia dengan roh beserta akal. Tidak terhitung segala limpahan nikmat dan rahmat-Mu, sampai akhirnya saya dapat menyajikan Laporan Tugas Akhir ini. Solawat beriringan salam tak lupa terucapkan kepada baginda Nabi Muhammad Shallallahu 'Alaihi Wa Sallam, dengan ucapan Allahumma Sholli 'Ala Sayyidina Muhammad Wa 'Ala Ali Sayyidina Muhammad. Saya persembahkan karya kecil saya sebagai salah satu bentuk bakti, rasa terima kasih, dan hormat saya kepadamu orang tua saya tercinta. Ayahanda dan ibunda tersayang, terima kasih untuk setiap perjuangan yang engkau usahakan, ungkapan do'a terbaik yang selalu engkau hanturkan, membimbing, dan mendorong saya dalam kebaikan dan selalu ada saat keadaan tersulit sekalipun. Untuk itu ananda selalu mendoakan yang terbaik untuk ayah dan mama agar bahagia dunia dan akhirat kelak serta diberikan bagian istimewa disisi-Nya serta sehingga kita bisa berkumpul kembali bersama-sama di Jannah-Nya. Untuk kakak, adik, dan keponakan yang sangat saya cintai. Terima kasih untuk segala hal-hal berharga yang telah dilalui bersama, doa, dan dukungan yang tiada hentinya. Terima kasih juga saya ucapkan untuk bapak dan ibu dosen Sistem Informasi yang sudah mewariskan ilmu, motivasi, dan panduan untuk menyelesaikan Tugas Akhir ini dengan baik. Kemudian untuk teman seperjuangan terima kasih telah memberikan dukungan dan motivasi, semoga terus diberikan rahmat serta karuniannya, dan dilimpahkan kemudahan dengan berlipat ganda. Aamiin.*

*Wassalamu 'alaikum Warahmatullahi Wabarakaatuh.*

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## KATA PENGANTAR

*Alhamdulillah Rabbil 'Alamin*, bersyukur kehadiran Allah *Subhanahu Wa Ta'ala* atas segala rahmat dan karunia-Nya sehingga peneliti dapat menyelesaikan Tugas Akhir ini. Shalawat serta salam kita ucapkan kepada Nabi Muhammad *Shalallahu 'Alaihi Wa Sallam* dengan mengucapkan *Allahumma Sholli 'Ala Sayyidina Muhammad Wa 'Ala Ali Sayyidina Muhammad*. Tugas Akhir ini dibuat sebagai salah satu syarat untuk mendapatkan gelar Sarjana Komputer di Program Studi Sistem Informasi Universitas Islam Negeri Sultan Syarif Kasim Riau.

Pada penulisan Tugas Akhir ini, terdapat beberapa pihak yang sudah berkontribusi dan mendukung peneliti baik berupa materi, moril, dan motivasi. Peneliti ingin mengucapkan banyak terima kasih kepada:

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2. Bapak Dr. Hartono, M.Pd sebagai Dekan Fakultas Sains dan Teknologi.
3. Bapak Eki Saputra, S.Kom., M.Kom sebagai Ketua Program Studi Sistem Informasi, sekaligus sebagai Penguji 2 yang telah memberikan arahan dan masukan dalam penyelesaian Tugas Akhir ini.
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11. Kakak, Adik, dan keponakan tercinta. Terima kasih selalu memberikan perhatian, memberikan semangat, do'a, dan dorongan kepada peneliti.
12. Teman baik peneliti Eko Riyan Chandra, Delvi Hastari, Dini Wulandari, Nelly Anriyani, Suri Wulandari, dan Lucky Angraeni yang selalu menyemangati, memberikan masukan, memberikan ilmu motivasi kepada peneliti untuk dapat menyelesaikan Tugas Akhir ini.
13. Teman-teman seperjuangan Sistem Informasi Angkatan 2020 Kelas C yang tidak bisa peneliti sebutkan satu persatu.
14. Semua pihak yang namanya tidak dapat disebutkan satu persatu yang telah banyak membantu dalam pelaksanaan Tugas Akhir dan menyelesaikan laporan Tugas Akhir ini.

Semoga segala do'a dan dorongan yang telah diberikan selama ini menjadi amal kebajikan dan mendapat balasan setimpal dari Allah *Subhanahu Wa Ta'ala*. Peneliti menyadari bahwa penulisan Tugas Akhir ini masih banyak terdapat kekurangan dan jauh dari kata sempurna. Untuk itu kritik dan saran yang membangun sangat diharapkan untuk kesempurnaan Tugas Akhir ini dan dapat disampaikan ke email: 12050322891@students.uin-suska.ac.id. Semoga laporan ini bermanfaat bagi kita semua. Akhir kata peneliti ucapkan terima kasih.

Pekanbaru, 04 Juli 2024

Penulis,

**FADILAH NURUNNISA**

**NIM. 12050322891**

UIN SUSKA RIAU



Lampiran Surat :

Nomor : Nomor 25/2021

Tanggal : 10 September 2021

## SURAT PERNYATAAN

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## Decision on submission to International Conference on Circuit, Systems and Communication (ICCSC 2024),

Microsoft CMT <email@msr-cmt.org>

28 April 2024 pukul 05.11

Balas Ke: Bilal Aghoutane <bilal.aghoutane@uit.ac.ma>

Kepada: Fadilah Nurunnisa <12050322891@students.uin-suska.ac.id>

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Dear Fadilah Nurunnisa,

We are notifying you of your paper status for 2024 International Conference on Circuit, Systems and Communication.

Paper ID: 139

Title: Analyzing the Quality of Web-Based Scholarship Information System Using ISO/IEC 25010 Standard

Status: Revision

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# Analyzing the Quality of Web-Based Scholarship Information System Using ISO/IEC 25010 Standard

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**Abstract**— The Siak Sri Indrapura District Government implements E-Government by developing a website-based scholarship information system called BETUNAS. In its operation, there are several obstacles in the BETUNAS information system. To minimize these issues, researchers used the ISO/IEC 25010 standard with eight testing characteristics to assess the quality of the BETUNAS information system. Based on the tests conducted, the results show that the Functional Suitability characteristic received a score of 1, indicating the system is valid. Performance Efficiency testing produced valid results with a response time of 5.93 seconds. The Compatibility characteristic was rated good and met the standards. Usability testing achieved a result of 78%, placing it in the good category. Reliability characteristics met the testing standards and were deemed good. Security was rated at a medium level, indicating it is fairly good. Maintainability characteristics met the Land testing standards with a good rating. Lastly, Portability testing showed that the system could run on multiple browsers, thus falling into the good category.

**Keywords**— *Software Testing, ISO/IEC 25010 Standard, Betunas.*

## I. INTRODUCTION

E-Government is now considered a strategic approach that plays a crucial role in improving the efficiency and feasibility of providing public services [1]. The government of Siak Sri Indrapura Regency has implemented E-Government to deliver effective and efficient public services. One of the implementations of E-Government in Siak Regency involves building a web-based scholarship information system called BETUNAS. The BETUNAS Information System aims to facilitate students in registering and submitting scholarship applications online. However, during the operation of the BETUNAS information system, issues such as server downtime, difficulties in accessing the information system, slow upload times for documents, delayed system responses to user inputs, and server errors have been encountered. To minimize those issues and prevent others from arising, conducting quality testing of the BETUNAS Information System is essential.

There are various standards for quality testing in software, such as McCall, FURPS, Boehm model, Dromey model, ISO/IEC 9126, and its successor ISO/IEC 25010. Among these, the quality testing model ISO/IEC 25010 has

the most comprehensive quality testing sections [2]. ISO/IEC 25010 is an ICT (Information and Communication Technology) based development designed to replace ISO 9126 as a software quality measurement method. Issued by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC), ISO/IEC 25010 is an internationally standardized quality measurement model [3][4], that provides appropriate procedures for using testing and measurement techniques to evaluate software quality [5]. The ISO/IEC 25010 standard is recognized as the SQuaRE model [6], ISO/IEC 25010 outlines the software product quality model into a series of quality characteristics along with their sub-characteristics. [7].

There are two assessment models for measuring software product quality in ISO/IEC 25010 [8]: the quality in use model, which can be applied to all human-computer systems, including information systems and software products that are currently in use and consists of five characteristics; and the product quality model, which is utilized for information systems and software products consisting of eight characteristics [9]. In the product quality model, there are eight distinct characteristics [10][11], that are related to the static and dynamic properties of a computer system. [17]. Fig. 1 shows the ISO/IEC 25010 diagram with eight characteristics along with their respective sub-characteristics.

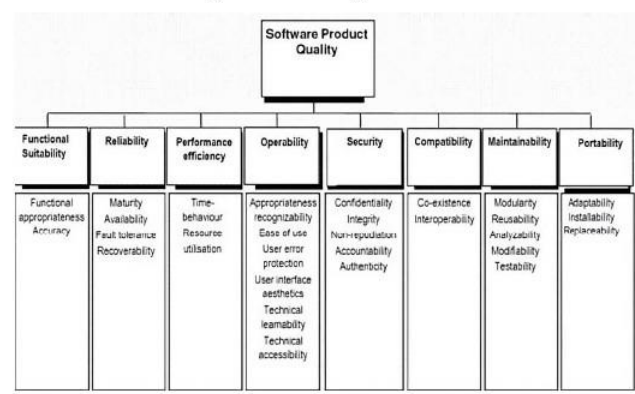


Fig. 1 ISO/IEC 25010 Model [12]

The ISO/IEC 25010 model used for software testing enables more in-depth analysis and the identification of more





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critical characteristics [13]. Internal and external measurements can be conducted on the eight characteristics of ISO/IEC 25010, providing consistent terminology for defining systems, measuring systems, and evaluating the quality of systems and software [14][15]. Additionally, the characteristics of software product elements can be considered when evaluating information systems using the quality model [16]. Therefore, the author selected the ISO/IEC 25010 product quality model to measure the quality of the BETUNAS information system.

## II. RELATED WORK

Several researchers have conducted studies using the ISO/IEC 25010 model to measure the quality of an information system. There is a study on the development and testing of an official correspondence management system, utilizing the ISO/IEC 25010 standard with eight quality characteristics. The testing results indicate that the Functional Suitability characteristic achieved 96%, which means it is highly suitable. Performance efficiency, tested using GTMetrix, received a Grade B, indicating good performance. Usability scored 90%, categorized as very good. Security was assessed at a low level, classified as adequate. Reliability scored 100%, considered very good. Maintainability met the standard testing requirements. Compatibility achieved 100%, interpreted as highly suitable, and the portability aspect was categorized as very good [17].

Another study examines the testing of the Halodoc application with all characteristics and sub-characteristics outlined in the ISO/IEC 25010 testing method. The Halodoc application was then tested using different testing methods for each characteristic. From these tests, a score of 5 was obtained for the Functional Suitability characteristic, Compatibility received a score of 5, Reliability scored 5, and Maintainability also scored 5, indicating excellent performance. A score of 4 was achieved for Usability, Performance Efficiency scored 4.886, Portability scored 3.718, and Security obtained the lowest score of 3.549. Thus, it can be concluded that the quality of the Halodoc application is good but requires development and improvement in certain characteristics. [15].

In another study, research was conducted using the ISO/IEC 25010 model as the standard to assess the quality after the development of a laboratory application to ensure that the application can be used as intended. The evaluation included testing of all the main characteristics outlined in ISO/IEC 25010. Testing of characteristics and sub-characteristics was conducted using various supporting tools. From the testing conducted, the results indicated that the laboratory application has met all eight characteristics outlined in ISO/IEC 25010, and thus, the laboratory application is considered to meet the standard.[18].

Another study combined the ISO/IEC 25010 testing method with the McCall method to evaluate a news portal website. The ISO/IEC 25010 characteristics tested included performance efficiency, security, and functional suitability, while the characteristics tested using the McCall method were correctness, reliability, and efficiency. The results showed that the ISO/IEC 25010 method achieved an average percentage of 89.08% for backend page feasibility tests and 77.80% for frontend page feasibility tests. Meanwhile, the McCall method achieved an average

percentage of 87.59% for backend feasibility tests and 81.90% for frontend page feasibility tests. Both testing methods indicated that the news portal website meets the standards of ISO/IEC 25010 and McCall [2]

## III. METHODOLOGY

The flow diagram of measuring the quality of the BETUNAS information system with the ISO/IEC 25010 model is shown in Figure 2.

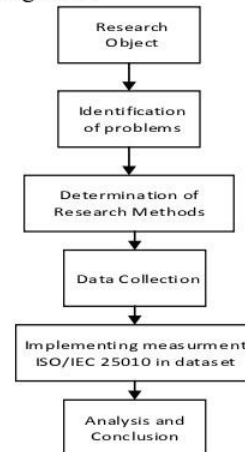


Fig. 2 The research flowchart

### A. Research Object

In this study, the case study used for testing with the ISO/IEC 25010 standard is a website-based scholarship information system called BETUNAS.

### B. Identification of Problems

The next stage is to identify the problems that occur in the information system. Problem identification is done to find out what problems occur in the BETUNAS information system.

### C. Determination of Research Methods

The research method adopted for the BETUNAS Information System is using the ISO/IEC 25010 method with eight quality product characteristics. The eight main characteristics used in this study can be seen in Fig. 1. The research method selection is conducted to determine whether the applied method is suitable for the BETUNAS Information System.

### D. Data Collection

Research data collection was carried out using three techniques consisting of observation, interviews, and questionnaires. Observation is done by directly observing the Betunas information system. The interview technique was carried out by interviewing the admin of the BETUNAS information system. Furthermore, the distribution of questionnaires was carried out online using G-form to system users. The questionnaire used is the USE questionner with instrument validation using a Likert scale.

### E. Implementation

The next stage is the implementation of BETUNAS information system testing based on ISO/IEC 25010 testing standards, testing is carried out using eight characteristics. Overall system testing using ISO/IEC 25010 is carried out



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to see the gaps of failure and errors from the system. This stage is carried out to confirm that the system can be used as needed [19]

#### 1) *Functional Suitability*

Functional suitability testing aims to identify how well the system can perform specific functions when used to operate according to user needs. The checklist method can be used to analyze functional suitability testing. The Feature Completion Matrix [20] is used to calculate the test results for the Functional Suitability characteristic, is found in equation (1).

$$X = \frac{I}{P} \quad (1)$$

$X$  = Functionality Test Value  
 $I$  = Number of function that are successful implemented  
 $P$  = Number of function designed

A value close to 1 indicates that the feature is successful. The functional suitability characteristic test value can be fulfilled if the value is close to 1 ( $0 < X \leq 1$ ) [21].

#### 2) *Performance Efficiency*

GTMetrix is used as a tool for Performance Efficiency testing, by visiting the official GTMetrix website at [www.gtmatrix.com](http://www.gtmatrix.com). GTMetrix can show PageSpeed Score results, YSlow, and it is capable of displaying the Response Time value of a system [22]. GTMetrix is used to assess the performance efficiency of a software or website and provide recommendations for improvement. Testing is done by entering each page link of the Betunas Information System website into the GTMetrix software. According to Jakob Nielsen's standard if the system has a response time below 10 seconds then the system can be declared to meet the characteristics [17].

#### 3) *Compatibility*

Compatibility analysis aims to test whether systems, products, or other computer components can exchange information effectively, enabling them to perform all necessary functions in sharing devices (both hardware and software) across various environments [18]. Testing Compatibility Characteristics in this study uses the help of PowerMapper Software by visiting the site [www.powermapper.com](http://www.powermapper.com) and entering the link address of the Betunas information system.

#### 4) *Usability*

The usability characteristics indicate how an information system can provide useful functions for users based on predefined objectives [23]. The testing is conducted by distributing questionnaires to 100 users of the Betunas Information System Web. Subsequently, an analysis is carried out based on the collected data from the users. The research questionnaire adopts the USE Questionnaire method, USE Questionnaire introduced by Lund (2001), consisting of three main dimensions, namely usability, satisfaction, and convenience [24]. The questionnaire uses the Likert scale calculation method, which was developed and popularized by Rensis Likert in 1932 to measure individual attitudes. The Likert scale provides values from 1 to 5 for the

level of responses, where a value of 1 indicates strong disagreement and a value of 5 for strong agreement [25]. To calculate the Usability value, equation (2) is used:

$$U = \frac{P}{Q} \times 100\% \quad (2)$$

$U$  = Usability Value  
 $P$  = Total Score  
 $Q$  = Maximum Score

#### 5) *Reliability*

Testing Reliability Characteristics is done using stress testing with the help of Webserver Stress Tool 8 PAESSLER software. Reliability characteristics testing is done by creating a system test scenario on the Webserver Stress Tool 8 PAESSLER software which is tested for a period of 10 minutes and accessed simultaneously with 5 users. From the tests carried out, results and graphs will appear containing information in the form of click times, errors, and the average value of the click time of each user on the Betunas Information System.

#### 6) *Security*

Security characteristics relate to the extent to which an information system product can secure its data and ensure that only authorized individuals have access to it [26]. In this research, testing the characteristics of Security uses the help of Sucuri Sitehack tools by visiting the site <https://sitecheck.sucuri.net/> and then entering the link of the information system that will be tested, namely the Betunas Information System.

#### 7) *Maintability*

Testing the Maintenance Characteristics is conducted to ensure the level of success and accuracy of the software product. Testing is done using standard land metrics [17] which include Instrumentation, Consistency, and Simplicity. The results of the test will be analyzed and adjusted to the characteristics of maintainability and maintainability sub-characteristics..

#### 8) *Portability*

The Portability Characteristics were tested by accessing the Betunas Information System website using various web browsers. The browser used is the latest browser that is often used today based on references from the W3counter website in March, 2024. Fig. 3 shows the graph of Most Popular Browser Rankings based on W3counter.

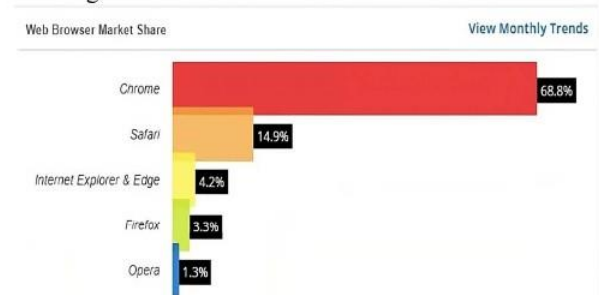


Fig. 3 Most Popular Browser Rankings based on W3counter (March,2024)



## IV. RESULTS AND DISCUSSION

### A. System Testing Using ISO/IEC 25010

The testing phase with ISO/IEC 25010 on the BETUNAS information system is the most crucial part to ensure the system has adequate levels of suitability and functionality so that the system is considered fit for use [27].

#### 1) Functional Suitability

Testing is done by trying all the features in the Betunas information system. Then calculate the test results with the checklist method on the instrument that the researcher has made. In this study, there were 11 features that were run, from the test it was found that 11 features were successfully run and 0 features failed. Then calculations were made using equation (1).

$$X = \frac{I}{P}$$

$$X = \frac{11}{11}$$

$$X = 1$$

Based on the testing results, the BETUNAS information system, according to Functional Suitability, falls within the good category, as the value of X is close to or equal to 1.

#### 2) Performance efficiency

The GTmetrix web tool is used to test the performance efficiency characteristics. During testing, metrics such as pageSpeed, YSlow, and response time are observed. The results of the testing are listed in Table 1:

TABLE I RESULTS OF TESTING USING GTMETRIX

NO	Tested Website Page	Pagespeed Score	Yslow Score	Response Time (s)
1	Home Page	57%	59%	6.8
2	Login Page	62%	72%	4.0
3	Home Page	56%	64%	5.8
4	Scholarship Page	51%	65%	5.6
5	Timeline Page	43%	59%	5.8
6	Submission Page	50%	65%	6.0
7	Faq Page	42%	65%	6.1
8	Account Page	51%	63%	5.5
9	Complain Page	49%	65%	5.9
Average		51%	64%	5.93

Performance efficiency results shows the average system response time is 5.93 seconds with a score of (51%) using pageSpeed a score (64%) using Yslow through the GTmetrix website. Through the GTmetrix website. Based on the calculation of performance efficiency, BETUNAS Information System is still in the good category but development needs to be done so that the acquisition is maximized.

#### 3) Compatibility

Compatibility characteristics testing is done using PowerMapper, testing on different browsers and also on different devices, both on desktop and mobile computer

devices can be seen that the Betunas system can be used in various browsers such as Edge, Firefox, Opera, Chrome and android devices. However, this Betunas Information system has minor or small problems regarding the location and performance on some browsers such as safari and iOS. Because the CSS code used in the Betunas Information System does not yet support. Fig. 4 shows the results of Compability testing using PowerMapper.



Fig. 4 Results Of Compability Testing Using Powermapper

#### 4) Usability

Usability testing was carried out using an online questionnaire filled out by 100 users of the BETUNAS information system. Table 2 shows the results of usability testing of the BETUNAS Information System.

TABLE II RESULTS OF USABILITY TESTING

Questions	5	4	3	2	1
Q1	48	30	15	3	4
Q2	34	36	17	8	5
Q3	28	44	19	7	2
Q4	34	38	17	6	5
Q5	21	40	21	11	7
Q6	43	35	12	8	2
Q7	34	33	18	8	7
Q8	42	36	17	5	0
Q9	35	38	18	5	4
Q10	32	41	15	9	3
Total Number	351	371	169	70	39
Score	5	4	3	2	1
Total X Score	1755	1484	507	140	39
Total	3925				

To calculate usability used equation (2):

$$U = \frac{P}{Q} \times 100\%$$

$$U = \frac{3925}{5000} \times 100\%$$

$$U = 78\%$$



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The results show usability of 78% in the good category.

#### 5) Reliability

The reliability test uses the webserver stress tools 8 software test tool, which is a tool for conducting load, stress and performance tests on websites. Testing is carried out with a constant method, which means that the number of virtual users when the test is carried out does not change. The number of users is 5 users and the test time is 10 minutes. From the test it was found that when users use simultaneously, each user will experience an error 1 time. Fig. 5 shows the results of Reability testing using Webserver Stress Tools.

User No.	Clarks	Hits	Errors	Avg. Click Time (ms)	Bytes	Latency	Cookies
1	10	10	0	156	0	0.00	
2	10	10	0	122	0	0.00	
3	10	10	0	135	0	0.00	
4	10	10	0	121	0	0.00	
5	10	10	0	115	0	0.00	

Fig. 5 Webserver Stress Testing Tools

#### 6) Security

Betunas information system has a medium or moderate security risk, malware on the system is not found and is declared not blacklisted, so it can be concluded that the Betunas Information System is declared in accordance with the standard. Fig. 6 shows the results of Security testing using Sucuri Sitehack Tools.

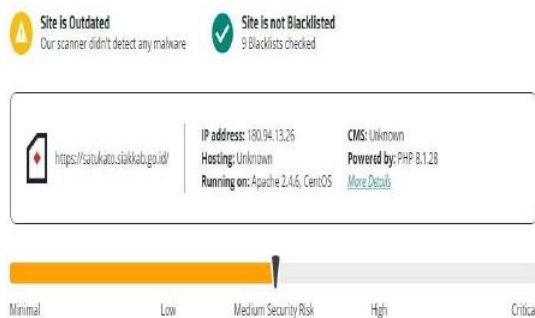


Fig. 6 Results Of Security Testing Using Sucuri Sitehack Tools

#### 7) Maintainability

Testing is done using standard land metrics which include Instrumentation, Consistency, and Simplicity. The results of maintainability testing on the BETUNAS Information System are placed in Table 3 :

TABLE III RESULTS OF MAINTAINABILITY TESTING

Testing	Result of testing
Instrumentation	There is a warning on the system if an error occurs along with error identification
Consistency	Use of one design model throughout the system design
Simplicity	Ease of management, repair, and system development.

#### 8) Portability

Portability testing is done by running the Betunas information system in various browsers. The results of portability testing on the BETUNAS Information System are placed in Table 4 :

TABLE IV RESULT OF PORTABILITY TESTING

Platform	Result	Success
Google Chrome		Success
Edge		Success
Safari		Success
Firefox		Success

From the test results Betunas Information System can be run on all browsers in this study has been tested to run on Google Chrome, Edge, Safari, and Firefox which indicates that the characteristics of portability on betunas information systems are met.

## V. CONCLUSION

From the testing conducted on the BETUNAS information system, the results are as follows, the Functional Suitability characteristic received a score of 1, meaning the system is valid. Performance Efficiency, tested using GTMetrix, achieved a system response time of 5.93 seconds, placing it in the good category as the response time is less than 10 seconds. Compatibility, tested using Powermapper, showed that the system can run on various software such as Edge, Firefox, Safari, Opera, and Chrome, and can operate on hardware like Android and iOS. Usability, tested through questionnaires, received a result of 78%, categorizing it as good. Reliability is categorized as good since system errors are minimal. Security is at a medium level, categorizing it as fairly good. Maintainability, tested on three aspects of the Land metrics, was successfully met in the BETUNAS system. And Portability received valid results as the system can run on



various popular browsers without errors, including Google Chrome, Edge, Safari, and Firefox.

From these results, it can be concluded that the BETUNAS information system has a good level of software quality. However, quality improvements are needed in certain characteristics to achieve more optimal results.

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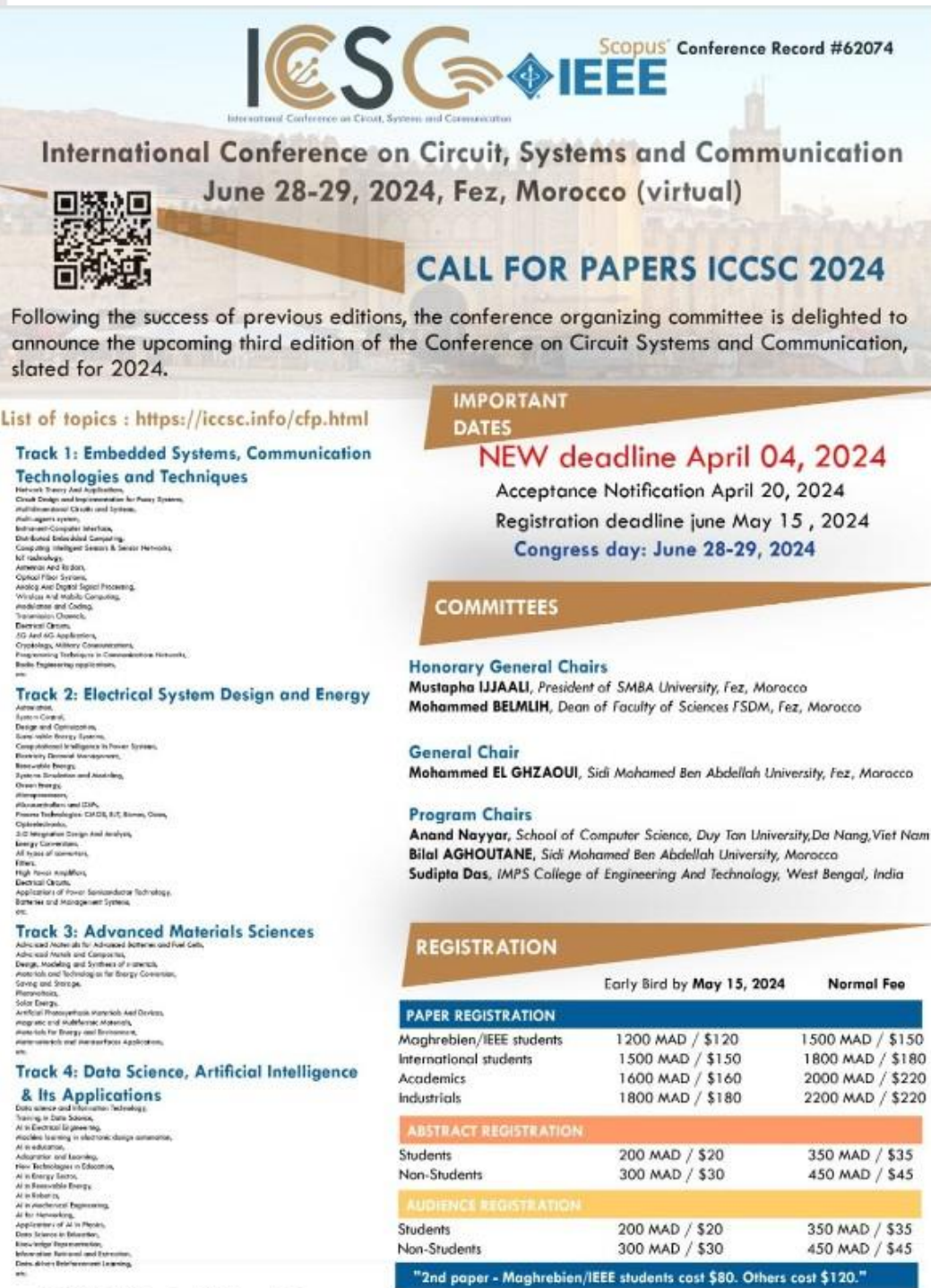
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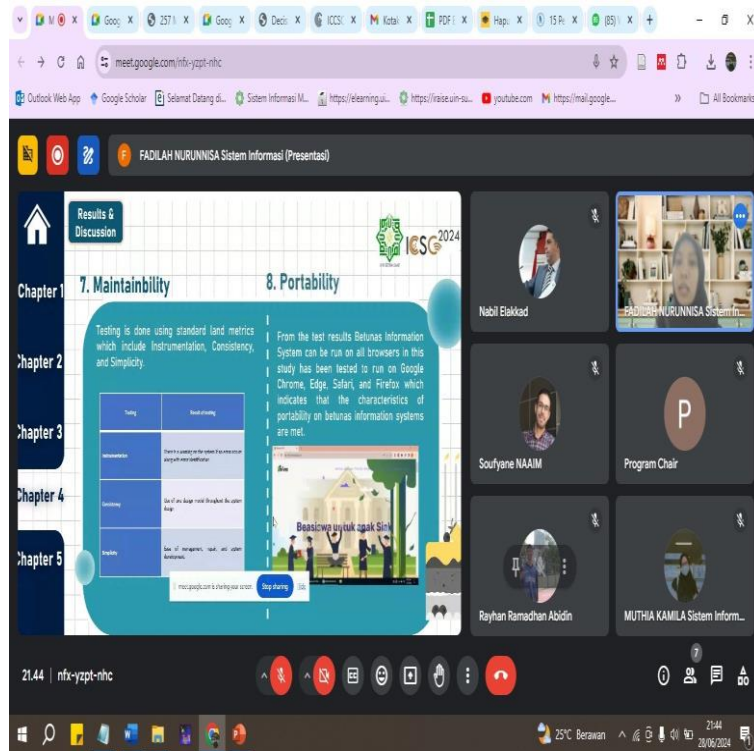
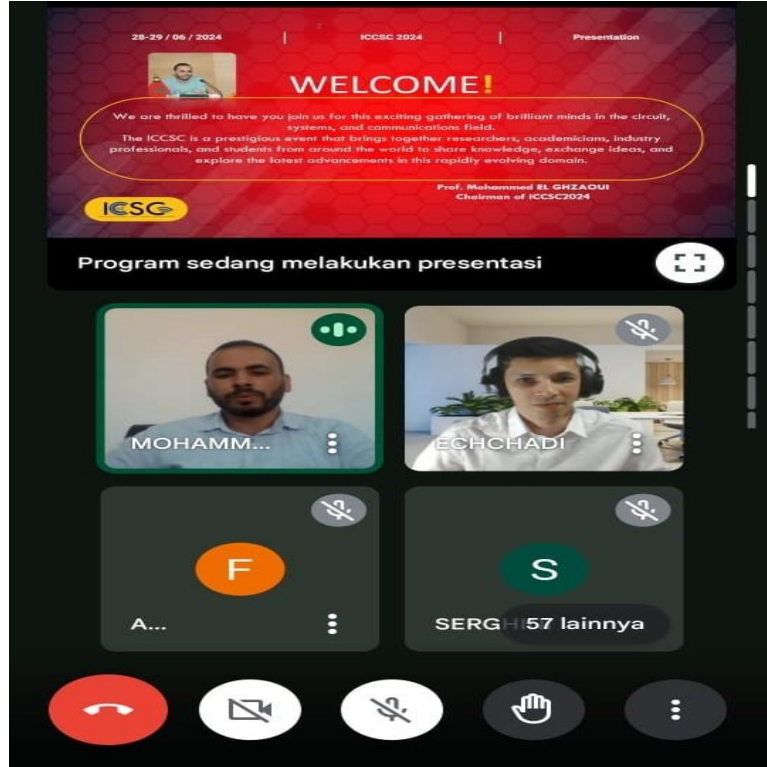
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## LAMPIRAN B

### DOKUMENTASI

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## LAMPIRAN C

### BUKTI REVISI

## View Reviews

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### Paper ID

139

### Paper Title

Analyzing the Quality of Web-Based Scholarship Information System Using ISO/IEC 25010 Standard

### Reviewer #1

### Questions

#### 1. Comments to authors

BETUNAS is a website-based scholarship information system in the Silk Sri Indrapura district of Indonesia. In this paper, the the authors conducted a quality analysis of this system using the the ISO / IEC 25010 standard.

## View Chair Note

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Analyzing the Quality of Web-Based Scholarship Information System Using ISO/IEC 25010 Standard

### QUESTIONS

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139	<b>Analyzing the Quality of Web-Based Scholarship Information System Using ISO/IEC 25010 Standard</b> <a href="#">Show abstract</a>	<b>Submission files:</b> ④FADILAH NURUNNISA_Analyzing the Quality of WebBased Scholarship Information System Using ISOIEC 25010 Standard.pdf  <b>Revision Files:</b> ④FADILAH NURUNNISA_Analyzing the Quality of Web_Based Scholarship Information System Using ISOIEC 25010 Standard.pdf  <b>Camera Ready Submission files:</b> ④ICCSO2024_139.pdf	Accept Reviews Chair Note	<b>Camera Ready:</b> <input checked="" type="checkbox"/> Edit Camera Ready <input checked="" type="checkbox"/> Submission <input checked="" type="checkbox"/> View Camera Ready Summary ④ Submit IEEE Copyright Form





## DAFTAR RIWAYAT HIDUP

Fadilah Nurunnisa lahir di Siak Sri Indrapura, pada tanggal 01 Februari 2002. Peneliti merupakan anak dari Bapak M. Chairul dan Warningsih, merupakan anak kedua dari tiga bersaudara yakni Umi Anifatusholihah sebagai kakak kandung dan Alifa Raudatuljannah sebagai adik kandung. Pada tahun 2007 peneliti memulai pendidikan dengan masuk TK Nurul Huda di Siak dan lulus pada tahun 2009. Selanjutnya peneliti melanjutkan ke jenjang sekolah dasar di SDN 010 Keranji Guguh kemudian menamatkan sekolah dasar pada tahun 2014. Setelah menempuh pendidikan sekolah dasar selama 6 tahun, pada tahun 2014 peneliti melanjutkan pendidikan sekolah menengah pertama di SMP Negeri 2 Koto Gasib. Kemudian, setelah 3 tahun menyelesaikan pendidikan di bangku sekolah menengah pertama, pada tahun 2017 peneliti melanjutkan pendidikan sekolah menengah atas di SMA Negeri 1 Lubuk Dalam dengan jurusan IPA. Setelah menyelesaikan pendidikan di SMAN 1 Lubuk Dalam pada tahun 2020, peneliti diterima menjadi mahasiswa Program Studi Sistem Informasi Fakultas Sains dan Teknologi Universitas Islam Negeri Sultan Syarif Kasim Riau (UIN Suska Riau) melalui jalur SBMPTN. Akhir kata, peneliti mengucapkan rasa syukur yang tak terhingga serta ribuan terimakasih atas bantuan seluruh pihak terkait sehingga selesainya Tugas Akhir ini yang berjudul "Analisis Kualitas Sistem Informasi Beasiswa Berbasis Website Menggunakan Standar ISO/IEC 25010".

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