

# Web-based Tutoring Registration on Information System

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**Abstract:** The purpose of this research is to identify whether the use of the website has an impact on tutoring registration process. The result of this research shows how far the impact of tutoring registration process is. The method used in this research was the descriptive method to present a complete overview of the situation related to some variable situations examined. The research was done by discussing student, teacher, school, and schedule of class. The research shows that there is an impact in helping the tutoring registration process. This is shown by the number of multiple elements of the page on the website that shows how it could help in making the tutoring registration process easier. So, it can be concluded that the use of website has an impact on tutoring registration process considered by students, teachers, school, and schedule of class.

**Keywords:** registration process, Information System

## 1 Introduction

From the various kinds of Web applications that were developed in the past few years, information that is growing very fast on the Web creates information that is too bound. This causes its users not to get the information they need.

In the previous understanding, this study focused on a personal guidance system that was processed based on the Goods Theory from the proposed Proposal, to make an offer for a web-based personal e-learning system [1]. Almost all new studies only look at two aspects. First, the use of ad hoc groups to adapt to each other. Second is the communication media. So, it can be concluded when more time is given to make views, the development of internal relations will be even stronger where internal relations will adapt to the communication media and will be more effective. [2]. It is very clear that the features that can be used for admin are certain features. Last year, there were a lot of special features on the web especially in the education system itself. Some have support systems and support the performance of the web, and others allow teachers to add on their web blog. [3] The advantage of SmartTutor is the integration between the theory of education with artificial intelligence (AI) which is merged into a qualified e-tutoring system. This system can provide information to each student based on experience and background.. [4]. Traditional intelligence that is used daily can be categorized into 3 parts of technology, namely: Curriculum sequencing, support for problem-solving, and intelligent analysis of student solutions. [5] E-commerce has a positive impact on business through potential and services to achieve another potential. Another point of view is to bring a significant impact from business to business based on the company's need to align their applications with the client. [6]. Errors that are often done can be divided into 2, namely regular participants and irregular participants, judging from most of the work done. Many views are espoused to get parameters and processes to improve good site performance and match user behavior that is useful for making resources more qualified in the world of education. [7]. One of the reasons why a system is very important, in a large and diverse field, is to include a computer program that contains artificial intelligence. [8] In the world of education, it has become commonplace to look for fresh new ideas, especially in terms of processing student data, starting from data entry, changing data, to displaying data. This system certainly has a presence and each student's attendance can be arranged directly from each class administration. Web-based academic information systems are important things that

can disseminate information about the progress of a student's education. [9] Currently, e-commerce is booming throughout the world due to consumer behavior [10].

The purpose of this research was to find out whether the use of the website has an impact on tutoring registration process which is considered by students, teachers, school, and regarding schedule of class. When it has been implemented, this can be used to guide and provide information about information systems, in the process of scheduling, and communication between students and staff, so that they can streamline the institution of guidance to get reports on personal guidance activities.

The method used in this research is a qualitative method, specifically the descriptive method. The research is done by describing the visual elements of the many variables of the object of research as to show the complete parts of the object.

## 2 Material and Methods

Multilevel Inverters, inverters, filters, and transformers are designed, modeled, and simulated. The method used in this research is descriptive method to present a complete description of the conditions associated with the many variables examined. So, it can be analyzed how much influence the web has on registering to tutor.

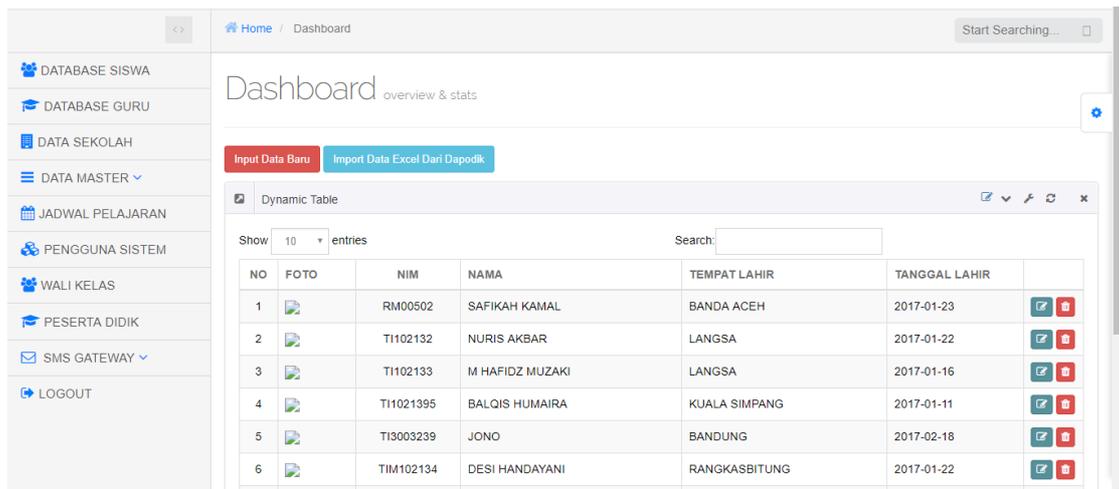
## 3 Results and Discussion

In **Figure 1**, the name of the dialog screen is the login screen. The function of the login screen is for accessing main menu.



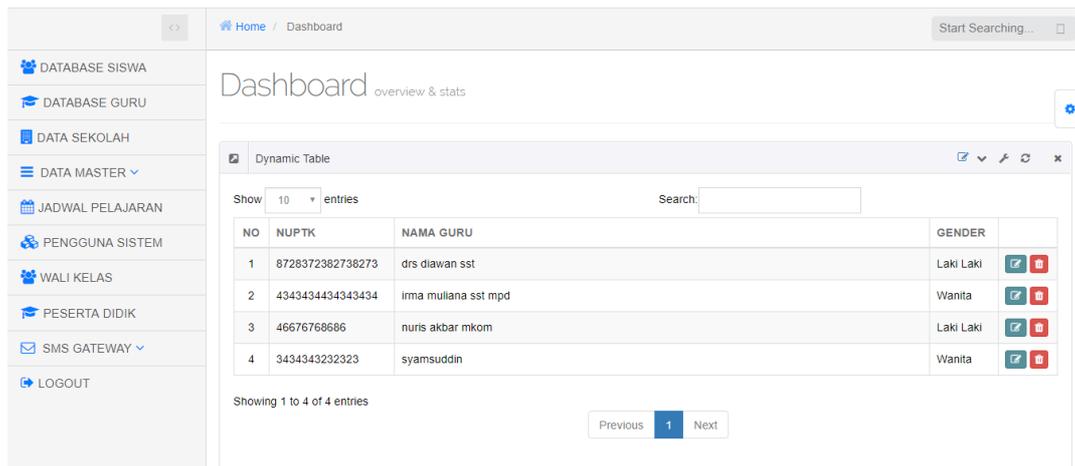
**Fig. 1.** Login “academic information system”.

This is the first page for login. There are many different accesses with many privileges. On **Figure 2**, it is shown the Student Dashboard. Its function is to input the student’s data.



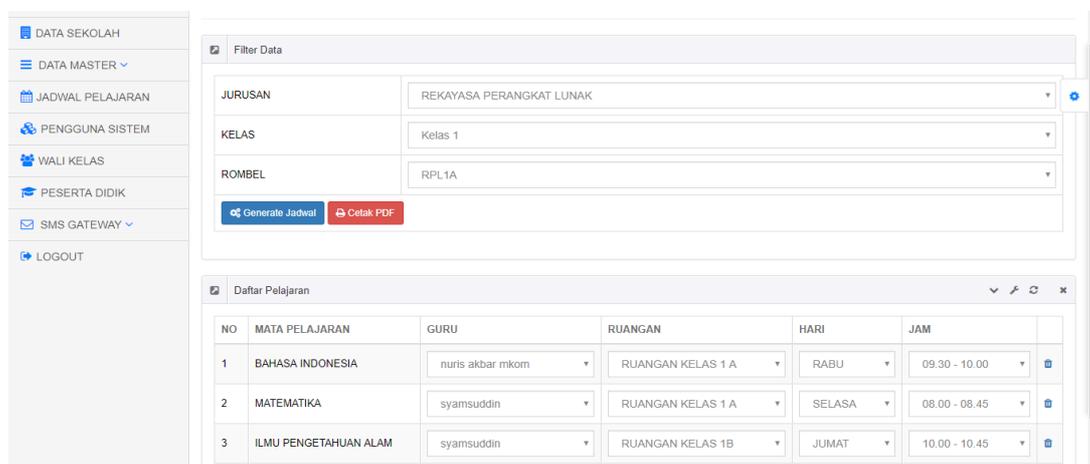
**Fig. 2.** Student Dashboard.

In this page, the admin can add some students based on the attributes that are listed on the web such as NIM, NAMA, TEMPAT LAHIR, and TANGGAL LAHIR. Teacher Dashboard Screen is shown in **Figure 3**, its function is to input the teacher's data.



**Fig. 3.** Teacher Dashboard.

In this page, the admin can add some teachers based on the attributes that are listed on the web such as NUPTK, Nama Guru, and Gender. This shows that by giving control to the admin, the process would become easier. The Class Schedule screen has the function to choose the class schedule (see **Figure 4**).



**Fig. 4.** Schedule of Class.

In this page, the admin can choose the schedule of class based on the attribute listed on the web. **Figure 5** shows the System Use screen is for showing the user system Function: For showing the system user.

The screenshot shows a dashboard titled 'Dashboard overview & stats' with a sidebar on the left containing menu items like 'DATABASE SISWA', 'DATABASE GURU', 'DATA SEKOLAH', 'DATA MASTER', 'JADWAL PELAJARAN', 'PENGGUNA SISTEM', 'WALI KELAS', 'PESERTA DIDIK', 'SMS GATEWAY', and 'LOGOUT'. The main content area is titled 'RULE USER' and contains a 'Dynamic Table' with the following data:

NO	NAMA LENGKAP	LEVEL	
1	nuris akbar	Admin	 
2	HAFIDZ MUZAKI	Admin	 
3	fang sui	Admin	 
4	desi handayani	Keuangan	 

Showing 1 to 4 of 4 entries

**Fig. 5.** System Use.

In this page, the admin can see anyone who can be admin and user based on the attribute that is listed on the web. The Homeroom Teacher screen shown in **Figure 6** is for seeing homeroom teacher.

The screenshot shows a dashboard titled 'Dashboard overview & stats' with a sidebar on the left containing menu items like 'DATABASE GURU', 'DATA SEKOLAH', 'DATA MASTER', 'JADWAL PELAJARAN', 'PENGGUNA SISTEM', 'WALI KELAS', 'PESERTA DIDIK', 'SMS GATEWAY', and 'LOGOUT'. The main content area shows filters for 'TAHUN AKADEMIK : 2016/2017' and 'SEMESTER : 1'. Below the filters is a 'Dynamic Table' with the following data:

NO	ROMBEL	NAMA JURUSAN	KELAS	NAMA WALIKELAS
1	RPL1A	REKAYASA PERANGKAT LUNAK	1	syamsuddin
2	RPL1B	REKAYASA PERANGKAT LUNAK	1	irma muliana sst mpd
3	RPL2A	REKAYASA PERANGKAT LUNAK	3	drs diawan sst
4	RPL2B	REKAYASA PERANGKAT LUNAK	2	nuris akbar mkom

Showing 1 to 4 of 4 entries

**Fig. 6.** Homeroom teacher.

In this page, the admin can see anyone who can be homeroom teacher based on the attributes that are listed on the web. On **Figure 7**, it is shown the Students screen that has the function to see the students.

The screenshot shows a web dashboard titled "Dashboard overview & stats". On the left is a sidebar menu with items: DATABASE SISWA, DATABASE GURU, DATA SEKOLAH, DATA MASTER, JADWAL PELAJARAN, PENGGUNA SISTEM, WALI KELAS, PESERTA DIDIK, SMS GATEWAY, and LOGOUT. The main content area has a "Filter Data" section with dropdowns for "Jurusan" (set to REKAYASA PERANGKAT LU) and "Rombel" (set to RPL1A), and an "Export Data" button. To the right is a "Data Siswa" table with columns NIM and NAMA.

NIM	NAMA
RM00502	SAFIKAH KAMAL
TI102132	NURIS AKBAR
TI102133	M HAFIDZ MUZAKI
TI1021395	BALQIS HUMAIRA
TI3003239	JONO
TIM102134	DESI HANDAYANI
TIM102135	IRMA MULIANA

**Fig. 7.** Homeroom Teacher.

In this page, the admin can see anyone who will be learners based on the attributes that are listed on the web.

## 4 Conclusion

The purpose of this research was to find out whether the use of website has an impact on tutoring registration process which is considered by students, teachers, school, and regarding schedule of class. The method used in this research is descriptive method which is to present a complete description of the conditions associated with many variables examined so that it can be analysed how much influence the web has in registering tutoring. When it has been implemented, this can be used to guide and provide information about information systems, in the process of scheduling, and communication between students and staff, so that they can streamline the institution of guidance to get reports on personal guidance activities.

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