

## Analysis of the Use of College Alimi

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**Abstract.** The objectives of this research were to analyze the tendencies of information use in the Alimi system, and to suggest the effective ways of using the system. In order to the objectives, the database that recorded the visiting logs of people who used the Alimi system and surveys were conducted with 281 university students and 20 high school teachers. Based on the study, the effective ways of using the system were discussed.

**Keywords:** Information, Information Disclosure System, User Research

### 1 Background

In 2007, as educational information disclosure act was released and it became a mandatory for all the educational organizations to disclose their information to the public. In the accordance with the act, the Ministry of Education(MOE) developed the online information disclosure system called Alimi to open the school information . Alimi is the online system that contains information from the schools and universities.

#### 1.1. College Alimi

College Alimi is the information disclosure system for higher education institutions. The system was developed to share educational information with public and help them to better understand the situations of colleges and universities, including education programs, tuitions, administrations, and activities. It was also expected to help government to make administrative decision such as making policies and evaluating organizations(Park, 2008). Data in Alimi is entered by schools on a regular basis and KEDI(Korea Educational Development Institute) inspects the credibility and reliabilities of the data for quality assurance of information. College Alimi data consists of 14 indicators with 64 items and the items include management, students, faculty, and the educational environments, and performance.

#### 1.2. Problem Statement

Since Alimi was open to public, there were advantages and disadvantages discussed by researchers. Researchers(Ko, 2014; Lee, 2010; Oh & Choi, 2008) advocate that in the perspectives of government officials, it becomes easy for them collect and update

data about higher education institutions. When the government evaluates the performance of higher education institutions, they have to collect the data from the organizations. This process takes a lot of time and efforts. However, by using the information in Alimi, they could handle the administrative works more efficiently. In the case of higher education institutions, since people compare the performance of universities with open information, they try hard to maintain quality education. On the other hand, some researchers (Kim, 2009; Part et al., 2010) persist that the data in Alimi is not accurate and has low credibility. There are concerns about that information might be exaggerated data since it is recorded by the institutions. The other concern is that information users are limited to university staff and government officials. Information is mostly used by the government officials for their administrative purposes. With the act of educational information disclosure reinforcement, the MOE has put a lot of efforts to satisfy the need of information users. The purpose of Alimi is to provide information to public who have various information needs. Therefore, it is necessary to explore how people perceive the Alimi system and how the information in the system is utilized.

### **1.3. Research Questions**

1. Do students and high school teachers use Alimi data for college entrance?
2. What are the major information that are searched by the Alimi users?

## **2 Methodology**

### **2.1 Research Methods**

In this study, survey and database analysis were used. Survey was conducted with the 182 university students and 20 high school teachers. In addition, the database that contains the visitors' record of the Alimi system was analyzed from the year of 2013 to 2015.

### **2.2 Instruments**

The survey questionnaire was developed by the researcher and examined by 3 professional who are in the field of higher education. The survey consists of 4 sections with 21 questions with 5 likert scale. The Alimi database accumulates the visitor's hits when the visitors click the items to see the information. The database record was achieved from KEDI.

## 4 Findings

### 3.1 Do students and high school teachers use Alimi data for college entrance?

According to the data analysis, students and teachers do not use Alimi when selecting the college. Both students and teachers were not aware of the existence of Alimi system ( $m=1.56$ ,  $m=2.25$ ). Even though they agree that information disclosure is important and necessary for maintain the quality of higher education management systems, they had little experience with Alimi ( $m=1.23$ ,  $m=2.15$ ) and were not aware of the educational information disclosure act ( $m=1.57$ ,  $m=0.68$ ).

**Table 1.** Average scores of survey items (5 likert scale)

Items	Students	Teachers
I have an experience using Alimi.	1.23	2.15
I am aware of information disclosure act.	1.57	0.68
It is necessary to have Alimi to implement information disclosure system in education.	2.56	3.0
College information disclosure is necessary.	2.23	3,3

### 3.2. What are the major information that are searched by the Alimi users?

In order to find the major information that people search in the Alimi system, database that recorded visitors' hits to the items was analyzed from the year of 2013 to 2015. According to the analysis, tuition status was ranked 1st in 2013 and 2014 and ranked second in 2015. Graduation employment situation was ranked second in 2013 and 2014, and ranked 3rd in 2015. In 2015, drop out status of students was ranked first. Detailed information about the major information searched each year is listed below.

**Table 2.** Analysis of the Alimi database

Rank	2013		2014		2015	
	Items	Hits	Items	Hits	Items	Hits
1	Tuition status	38,355	Tuition status	78,695	Drop out status of students	386,828
2	Graduation employment situation	31,813	Graduation employment situation	63,594	Tuition status	29,472
3	Freshman recruitment status	16,736	Freshman recruitment status	31,088	Graduation employment situation	23,741
4	Full-time faculty research	12,751	Faculty lecture ratio	29,152	Enrolment status	10,779

5	Enrolment status	11,037	Enrolment status	26,197	Freshman recruitment status	9,554
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## 4 Results

The college information disclosure system was developed to provide information to public. In particular, it was expected to be used by students, and parents to help make decisions for college entrance. However, this study revealed that Alimi users are limited to government officials and the use of information is limited to school evaluations as many researchers concerned.

## References

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