

# Design and Implementation of Competition Application for Artists

**Key Words :** Application, Artists, Competition, Information Service, Smart-Phone

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가 [5-8].

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[9-10].

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1.

Fig. 1. System Diagram

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2

3

, 4

2.

2.1

1

2.2

GCM

GCM

HTTP

XMPP

TCP

. GCM

XMPP

. GCM

3rd party

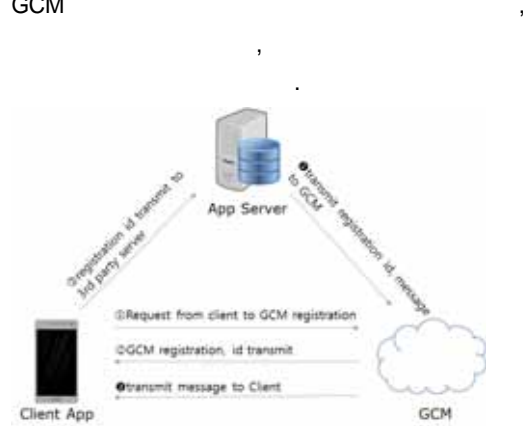
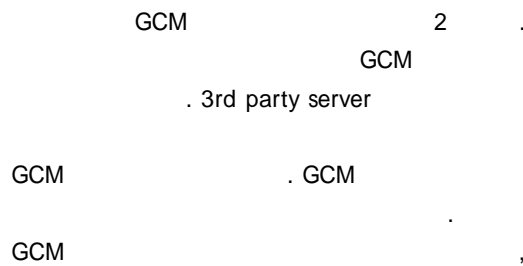
가

GCM

PHP

Apache MariaDB  
MariaDB

, xml



2.  
Fig. 2. Push Alarm Service

### 2.3

PHP  
MariaDB  
가  
'member'  
'board'  
'contest'  
'human'  
'market'  
4 가 Table1,  
Table2, Table3, Table4

1. member  
Table 1. member Table

Field	Type	Null	Key	Default
id	int	NO	PRI	NULL
pass	varchar	NO		NULL
name	varchar	NO		NULL

1 'member' 가

id  
pass , name

2. board  
Table 2. board Table

Field	Type	Null	Key	Default
no	int	NO	PRI	auto_increment
title	varchar	NO		NULL
content	text	NO		NULL
date	datetime	NO		NULL
hit	int	NO		0
id	varchar	NO		NULL
password	varchar	NO		NULL

2 board  
no , title ,  
content , date  
hit ,  
id , password  
. no

3 maket  
no , title ,  
content , date  
hit ,  
id , password  
PHP

4 human  
no , title ,  
content , date  
hit ,  
id , password

### 3. market

Table 3. market Table

Field	Type	Null	Key	Default
no	int	NO	PRI	auto_increment
title	varchar	NO		NULL
content	text	NO		NULL
date	datetime	NO		NULL
hit	int	NO		0
id	varchar	NO		NULL
password	varchar	NO		NULL

4. human

Table 4. human Table

Field	Type	Null	Key	Default
no	int	NO	PRi	auto_increment
title	varchar	NO		NULL
content	text	NO		NULL
date	datetime	NO		NULL
hit	int	NO		0
id	varchar	NO		NULL
password	varchar	NO		NULL

## 2.4



3.  
Fig. 3. Application Begin Image

3.

## 4

ART SPOON

HTML

**3.**

Swing, Android Studio 2.2.3

Eclipse, MariaDB, RUBY

HTML, JAVA, PHP ,

UX/UI



4.  
Fig. 4. Application Main Image



5.  
Fig. 5. Competition and Spoon Market Image



6.  
Fig. 6. Artist and Push Alarm Service Image

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7.  
Fig. 7. Map Service Image

4.

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