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Design and Implementation of Competition Application for Artists

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Abstract In this paper, we design and implement a contest application that enables artists to participate in contest activities, manpower, and job information using smart-phone, and to share and systematically manage the information. While the competition is very important for the artists, it is not easy for them to search the competition information due to lack of time. Therefore, it is effective to provide them with contest information suitable for their interests and to be more immersed in creative activities by sharing them. The core function is to provide a space where artists can share contests in real time through the contest bulletin board and aims to provide a variety of functions for convenient convenience, such as buying and selling of works by artists and spoon market for purchasing materials and art tools do.

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

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                                                         Android
 [9-10].
                                                       TabMenu
                                                       MarketBoard
                                                                          Java
                                                        ArtistJob
                                                                        PushAlarm.
                                                                         MariaDB
                          가
                                                 Fig. 1. System Diagram
     가
                                                            가
         가
                                                      가
        가
        2
        3
     , 4
     2.
2.1
                                               2.2
                               , xml
                                               GCM
                                                              GCM
                     Apache
                              MariaDB
                                                                HTTP
                                               . GCM
                                                                        XMPP
                      MariaDB
                                             XMPP
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                 PHP
                                                        . GCM
                                                               3rd party
                                                                           가
                                                         GCM
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name

GCM GCM . 3rd party server GCM . GCM GCM 2. Fig. 2. Push Alarm Service 2.3 PHP MariaDB 'member' 'board' 'contest' 'human' 'market' 가 Table1, Table2, Table3, Table4 1. member

Table 1. member Table

Default
NULL
NULL
NULL

'member' 가

id

2. board Table 2. board Table

pass

Field	Туре	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	, d	late
,	hit	,	
id		password	
	. no		
		,	
		가 .	
3	maket		
no ,		title ,	
	content	, date)
,	hit	,	
id	,	password	
		PHP	

human title no content date id password

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3. market

Table 3. market Table

Field	Туре	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

가

Fig. 3. Application Begin Image

"/title"

4 ART SPOON

 HTML

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Swing, Android Studio 2.2.3 Eclipse, MariaDB, RUBY HTML, JAVA, PHP ,

UX/UI

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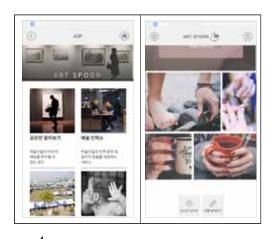


Fig. 4. Application Main Image

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W SAT W say 5. Fig. 5. Competition and Spoon Market Image



Fig. 6. Artist and Push Alarm Service Image

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7. Fig. 7. Map Service Image

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