
스마트 관광지 추천 시스템

Sequence

- Team
- Selected Motives
- Function
- ER diagram
- Implementation
- conclusion

Team

B689037 신정한

Developed the Web page
using HTML and PHP

B689041 양승재

Collecting preliminary informatio,
creating table and reports

B793005 강혜령

Developed the Web page
using HTML and Client

B884047 정유진

Collecting preliminary informatio,
creating table and reports

Selected Motives

When people go on a trip, they have a hard time deciding where to go.

I often can't make travel plans.

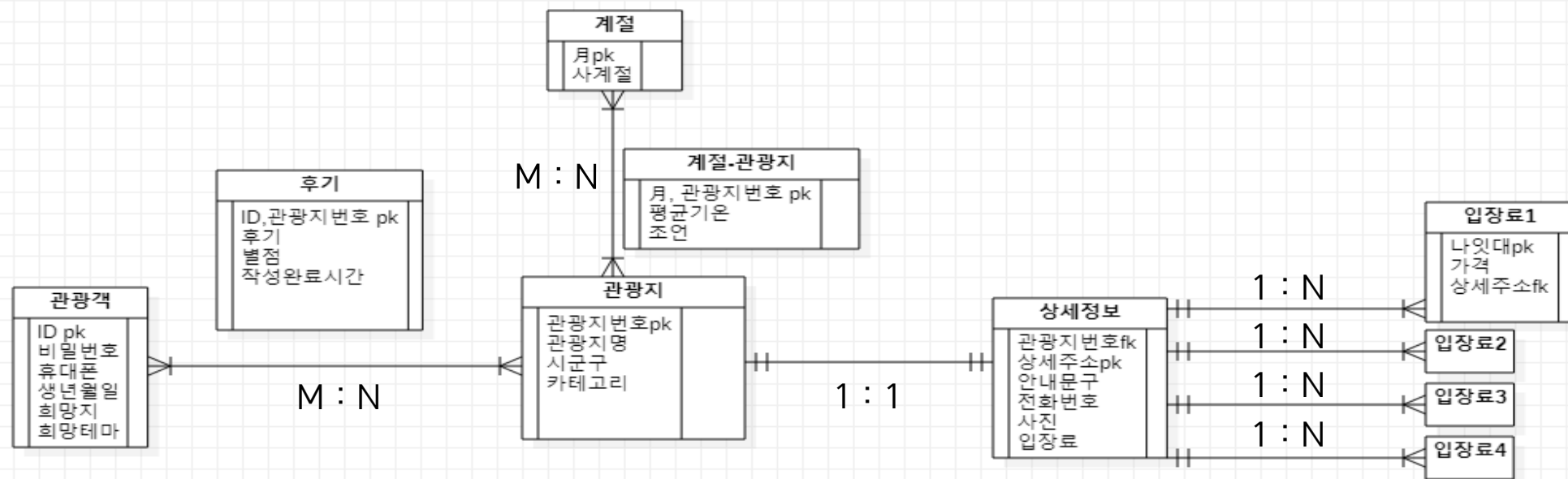
The system is designed to solve problems that make it difficult to choose a destination.

I made it to solve the problem.

■ Directionality

1. 취향에 맞는 여행지 추천
2. 여행지 정보 조회
3. 달 및 계절에 적합한 여행지 추천

ER diagram



ER diagram: 관계형 시그마

관광지

```
SQL> desc attraction
Name                                     Null?      Type
-----
NUM                                     NOT NULL   NUMBER(4)
NAME                                               VARCHAR2(50)
CATEGORY                                       VARCHAR2(30)
STAT                                            VARCHAR2(15)
```

관광지(FD)

{관광지 번호->관광지명, 시군구,
카테고리}

계절

```
SQL> desc seasons;
Name                                     Null?      Type
-----
MONTH                                  NOT NULL   NUMBER(2)
SEASON                                          VARCHAR2(6)
```

계절(FD)

{월->계절}

계절-관광지

```
SQL> desc S_A;
Name                                     Null?      Type
-----
NUM                                     NOT NULL   NUMBER(4)
MONTH                                  NOT NULL   NUMBER(2)
TEMPERATURE                                     NUMBER(3,1)
RECOMMEND                                       NUMBER(1)
```

계절_관광지(FD)

{(관광지 번호, 달)-> 평균기온, 조
언, 추천}

ER diagram: 관계형 시그마

관광객

```
SQL> desc tourist;
```

Name	Null?	Type
-----	-----	-----
ID	NOT NULL	VARCHAR2(10)
PWD		VARCHAR2(10)
PHONE		VARCHAR2(15)
BIRTH		NUMBER(8)
HOPE_P		VARCHAR2(30)
HOPE_T		VARCHAR2(15)

관광객(FD)

{ID->비밀번호, 휴대전화, 생년월일, 희망지, 희망테마}

리뷰

```
SQL> desc review;
```

Name	Null?	Type
-----	-----	-----
NUM	NOT NULL	NUMBER(4)
ID	NOT NULL	VARCHAR2(10)
TEXT		VARCHAR2(80)
STAR		NUMBER(1)
TIME		NUMBER(8)

후기(FD)

{(관광지 번호, ID)-> 후기, 별점, 작성 완료 시간}

ER diagram: 관계형 시그마

상세정보

```
SQL> desc inf;
```

Name	Null?	Type
ADDRESS	NOT NULL	VARCHAR2(60)
PICTURE		VARCHAR2(40)
INFORM		VARCHAR2(500)
TEL		VARCHAR2(13)
NUM	NOT NULL	NUMBER(4)

상세정보(FD)

{관광지 주소|관광지 번호->사진,
안내 문구, 전화번호, 관광지 번호}

입장료

```
SQL> desc price1;
```

Name	Null?	Type
AGE	NOT NULL	VARCHAR2(10)
PRICE		NUMBER(6)
ADDRESS	NOT NULL	VARCHAR2(60)

입장료(FD)

{나이->가격, 주소}

Implementation: DB 테이블

관광객

ID	PWD	PHONE	BIRTH	HOPE_P
HOPE_T				
B689037	1234	010-4179-4469	19980906	Seogwipo-si
Mount				
B793005	5684	010-1234-5678	19970805	Seogwipo-si
Museum				
B689041	abc123	010-8765-4321	19960105	Jeju-si
Forest				

관광지

NUM NAME		
CATEGORY		STAT
Mount	1 Seongsan Ilchulbong	Tuff Cone Seogwipo-si
Museum	2 TeddyBearMuseum	Seogwipo-si
Valley	3 Yongyeon Valley	Jeju-si

Implementation: DB 테이블

가격

AGE	PRICE

ADDRESS	

Adlut	10000
Jungmungwangwang-ro 110beon-gil	
Disabled	8000
Jungmungwangwang-ro 110beon-gil	
Youth	9000
Jungmungwangwang-ro 110beon-gil	

관광지

MONTH	SEASON

1	Winter
2	Winter
3	Spring
4	Spring
5	Spring
6	Summer
7	Summer
8	Summer
9	Fall
10	Fall
11	Fall

리뷰

NUM	ID

TEXT	

STAR	TIME

3	B689041
The valley water was clean.	
5	12110331
2	B793005
It was rather boring.	
2	8051528

Implementation: 웹페이지-DB

id* : newid

pw* : password

phone : 01012345678

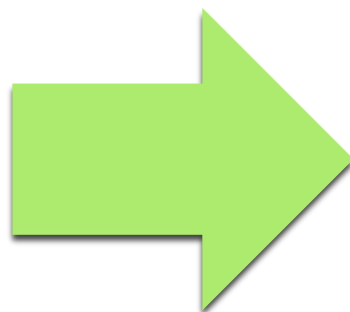
birth : 20201217

hope_p : Jeju-si

hope_t : Museum

must insert *

submit

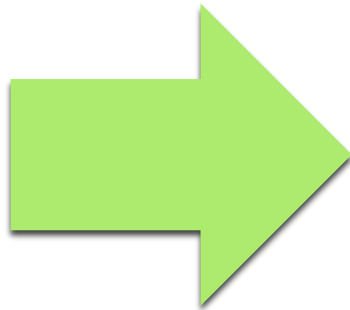


ID	PWD	PHONE	BIRTH	HOPE_P
HOPE_T				
test4	test4	test4	19970208	test4
test4				
gsusisi	dhsoao	hsuiwi	19982927	shjsi
isisi				
newid	password	01012345678	20201217	Jeju-si
Museum				

Implementation: 웹페이지-DB

id : B689041 pw : abc123 login

Are you going to make new account Sign up



HI! B689041

This is B689041s reviews

Yongyeon Valley	The valley water was clean.	5	12110331
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We Recommend you

DoryeonTangerineForest	Doryeonnam 3-gil 81	There are many photo zones with beautiful outdoor scenery, pretty stone walls, and fairy tale-like props.	064-752-7733
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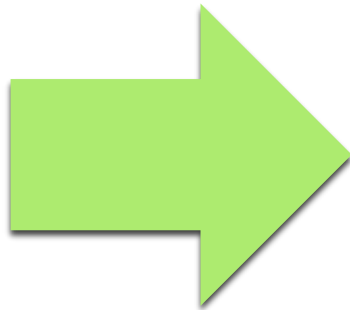
A good season to go out to play is

1	Try picking tangerine experience.	7.8
2	Take the tripod.	13.4
3	There are many photo zones.	15
4	There are flowers, so it is good to walk around.	15.7
5	Wear thin clothes.	20.4

Implementation: 웹페이지-DB

id : pw :

Are you going to make new account?



WELCOME! ADMIN PAGE

Delete Memver

ID :

Delete Review

user :

attraction_number :

Attraction number information.

1	Seongsan Ilchulbong Tuff Cone	Mount	Seogwipo-si
2	TeddyBearMuseum	Museum	Seogwipo-si
3	Yongyeon Valley	Valley	Jeju-si
4	DoryeonTangerineForest	Forest	Jeju-si

Implementation: 웹페이지-DB

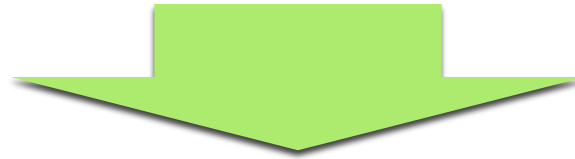
Where do you want to go?, What do you want to do?

If you are a member, we will provide you with tourist attractions and season and advice that suits your taste.

tema : Forest

state : Jeju-si

submit



Forest in Jeju-si

DoryeonTangerineForest

Doryeonnam 3-gil 81

There are many photo zones with beautiful outdoor scenery, pretty stone walls, and fairy tale-like props.

064-752-7733

PRICE

Basic	7000
Entrance + Tangerines 1KG	10500
Entrance + Tangerines 2KG	13000

Implementation: 웹페이지-DB

When will you go on a trip?

Get Some recommend from us! just free!

Please Write Cappital ex)Winter,Summer...

month :

season :



3月

Yongyeon Valley	YongdamIl-dong Hando Gigil 35	Yongyeon Valley is a downstream area of Yongduam Rock on the west coast and is 7 to 8 meters high.	064-711-4508
DoryeonTangerineForest	Doryeonnam 3-gil 81	There are many photo zones with beautiful outdoor scenery, pretty stone walls, and fairy tale-like props.	064-752-7733

Implementation: 웹페이지-DB

When will you go on a trip?

Get Some recommend from us! just free!

Please Write Cappital ex)Winter,Summer...

month :

season :



Summer

We recommend you...

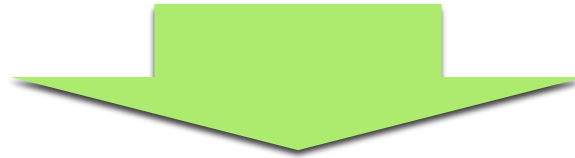
7	Yongyeon Valley	YongdamIl-dong Hando Gigil 35	Yongyeon Valley is a downstream area of Yongduam Rock on the west coast and is 7 to 8 meters high.	064-711-4508
8	Yongyeon Valley	YongdamIl-dong Hando Gigil 35	Yongyeon Valley is a downstream area of Yongduam Rock on the west coast and is 7 to 8 meters high.	064-711-4508

Implementation: 웹페이지-DB

Or.. just want's some information about attractions

Get some inform

name :



DoryeonTangerineForest

DoryeonTangerineForest	Doryeonnam 3-gil 81	There are many photo zones with beautiful outdoor scenery, pretty stone walls, and fairy tale-like props.	064-752-7733	Forest	Jeju-si
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■ 결론

1. 이 시스템으로 여행지를 선택함에 있어서 부담을 줄일 수 있다.
2. 현재는 데이터부족하여 정확한 추천이 어렵지만 차후에 데이터가 많아지면 정확한 추천을 할 수 있을것으로 예측 된다.
3. 안드로이드를 개발중이며 완료가 되면 좀더 실용성이 상승할 것이다.

결론

13:06 95%

회원가입

ID : B183749

PW : awd3

휴대전화 : 010-8264-9268

생년월일 : 19980223

희망지 : Sueoru

희망테마 : Mount

회원가입

13:06 95%

로그인

로그인 회원가입


ID : _____

PW : _____

회원가입완료!

13:05 95%

여행지



이름
주소
설명
전화번호

입장료

후기