DIOS MAMAS

BUSINESS

DIAGRAM

DATAMA 1

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Contents

Chapter 1
Introduction

DIOS MAMAS Farm and Resort is an upcoming mountain region resort which is situation within the outskirts of Antipolo. While small and handled by the couple Ferdinand G. Casibang and his wife Aimee B. Casibang. While most of their operations are centered around referrals and walk ins. The company's plan to establish an online presence had enabled people to book and reserve specific dates for their reunions and family events.

While the resort had waver from events like garden weddings, company outings, debuts, and various other events with the added benefit with extensive knowledge of business and other various amenities that their clients would otherwise have trouble getting in short notice. With the offer being affordable and the ability to experience the great mountains of the Philippines with a view unlike any other.

It also offers hiking and other activities like camping and harvesting the crops that they grow in order to provide a warm and outstanding experience of the outdoors overviewing the mountains.
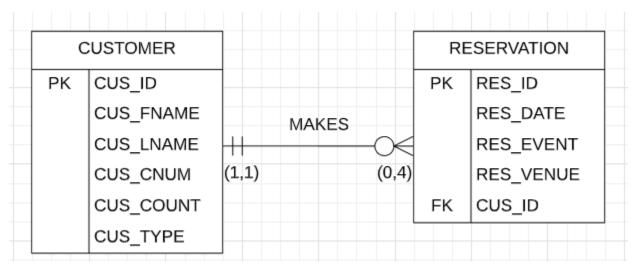
Objective of the study

1. **Centralized systems** - managing all critical data centrally, safely and securely. Whenever the company needs it.
2. **Better management of human resource matters** - using a HR database to manage staff records. It can streamline most of the HR tasks, automate routine jobs and speed up the processing of data such as staff hours, leave, benefits, payroll, etc.
3. **Managing customer data and relationships** – organizing customer contact details, interaction history and accounts, to new prospects, leads and business opportunities.
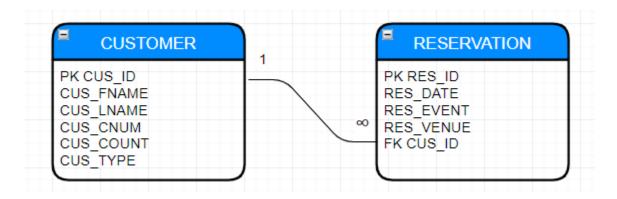
4. **Efficient inventory tracking** - Managing your inventory well, avoiding miscounts, data entry errors or misplace spreadsheets and notes. In a way streamlining operations at that to a much more work friendly schedule.

Chapter 2

Business Rule

A customer can make one or many reservations. One or many reservations can be made by a customer. (But, if there is an overlapping reservation they may not make a reservation)
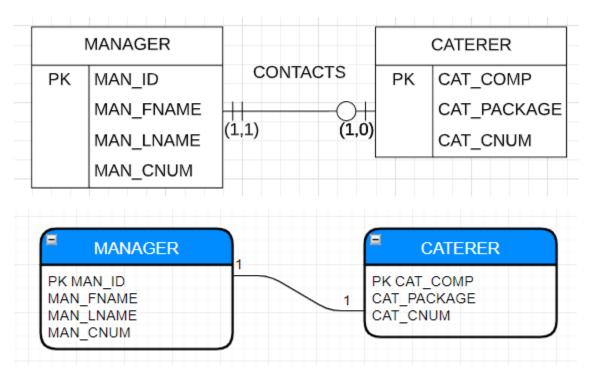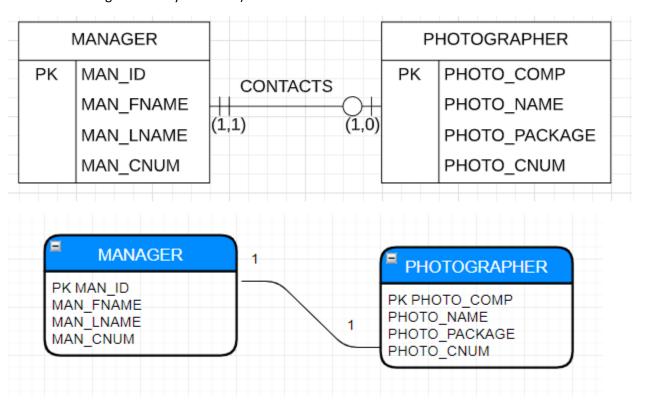
CUSTOMER		RESERVATION	
PK	CUS_ID	PK	RES_ID
	CUS_FNAME		RES_DATE
	CUS_LNAME		RES_EVENT
	CUS_CNUM		RES_VENUE
	CUS_COUNT	FK	CUS_ID
	CUS_TYPE		

MAKES

(1,1) ———— (0,4)

CUSTOMER

PK CUS_ID
CUS_FNAME
CUS_LNAME
CUS_CNUM
CUS_COUNT
CUS_TYPE

1

∞

RESERVATION

PK RES_ID
RES_DATE
RES_EVENT
RES_VENUE
FK CUS_ID

An agent can refer one or many customers. One or many customers can be referred by an agent.

AGENT		
PK	AGENT_ID	
	AGENT_FNAME	
	AGENT_LNAME	
	AGENT_CNUM	(1,1)
FK	CUS_CNUM	

REFERS

(1,10)

CUSTOMER	
PK	CUS_ID
	CUS_FNAME
	CUS_LNAME
	CUS_CNUM
	CUS_COUNT
	CUS_TYPE

AGENT

PK AGENT_ID
AGENT_FNAME
AGENT_LNAME
AGENT_CNUM
FK CUS_NUM

1

∞

CUSTOMER

PK CUS_ID
CUS_FNAME
CUS_LNAME
CUS_CNUM
CUS_COUNT
CUS_TYPE

The manager contacts the caterer. The caterer can be contact by the manager (If there are no reserved catering services by customer).

MANAGER

PK	MAN_ID
	MAN_FNAME
	MAN_LNAME
	MAN_CNUM

CONTACTS

(1,1)   (1,0)

CATERER

PK	CAT_COMP
	CAT_PACKAGE
	CAT_CNUM

MANAGER

PK MAN_ID
MAN_FNAME
MAN_LNAME
MAN_CNUM

1   1
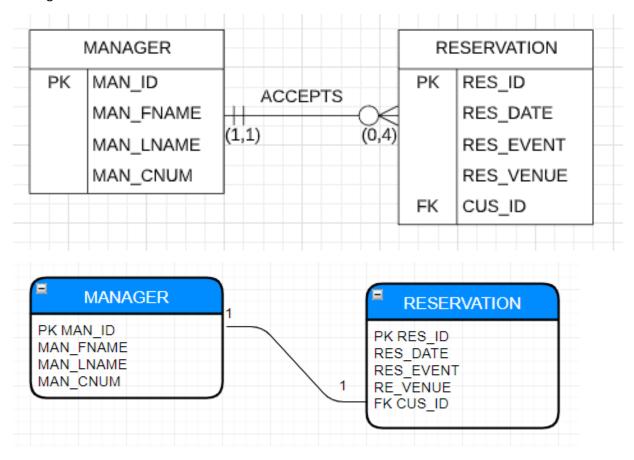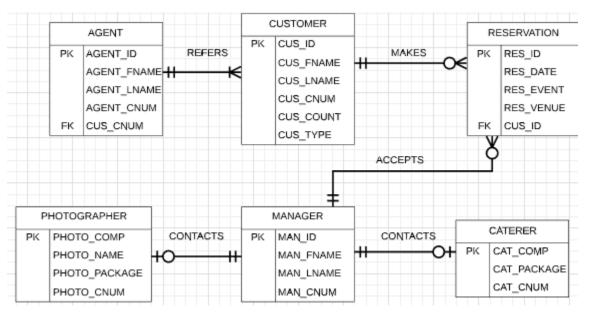
CATERER

PK CAT_COMP
CAT_PACKAGE
CAT_CNUM

The manager contacts the photographer. The caterer can be contact by the manager (If there are no reserved catering services by customer).

MANAGER

PK	MAN_ID
	MAN_FNAME
	MAN_LNAME
	MAN_CNUM

CONTACTS

(1,1)   (1,0)

PHOTOGRAPHER

PK	PHOTO_COMP
	PHOTO_NAME
	PHOTO_PACKAGE
	PHOTO_CNUM

MANAGER

PK MAN_ID
MAN_FNAME
MAN_LNAME
MAN_CNUM

1   1

PHOTOGRAPHER

PK PHOTO_COMP
PHOTO_NAME
PHOTO_PACKAGE
PHOTO_CNUM

The manager accepts one or many reservations. One or many reservations will be accepted by the manager.

MANAGER	
PK	MAN_ID
	MAN_FNAME
	MAN_LNAME
	MAN_CNUM

ACCEPTS

(1,1)   (0,4)

RESERVATION	
PK	RES_ID
	RES_DATE
	RES_EVENT
	RES_VENUE
FK	CUS_ID

MANAGER
PK MAN_ID
MAN_FNAME
MAN_LNAME
MAN_CNUM

1

RESERVATION
PK RES_ID
RES_DATE
RES_EVENT
RE_VENUE
FK CUS_ID

1

Conceptual Model:

AGENT	
PK	AGENT_ID
	AGENT_FNAME
	AGENT_LNAME
	AGENT_CNUM
FK	CUS_CNUM

REFERS

CUSTOMER	
PK	CUS_ID
	CUS_FNAME
	CUS_LNAME
	CUS_CNUM
	CUS_COUNT
	CUS_TYPE

MAKES

RESERVATION	
PK	RES_ID
	RES_DATE
	RES_EVENT
	RES_VENUE
FK	CUS_ID

ACCEPTS

PHOTOGRAPHER	
PK	PHOTO_COMP
	PHOTO_NAME
	PHOTO_PACKAGE
	PHOTO_CNUM

CONTACTS

MANAGER	
PK	MAN_ID
	MAN_FNAME
	MAN_LNAME
	MAN_CNUM

CONTACTS

CATERER	
PK	CAT_COMP
	CAT_PACKAGE
	CAT_CNUM

Chapter 3

DATA DICTIONARY

PK/FK	FIELD NAME	CAPTION	DATATYPE	FIELD SIZE	NOTES	EXAMPLE
PK	CUS_ID	CUSTOMER IDENTIFICATION	INTERGER	LONG INTERGER		1294353456
	CUS_FNAME	CUSTOMER FIRSTNAME	CHARACTER	45		JAZZY
	CUS_LNAME	CUSTOMER LASTNAME	CHARACTER	45		CASIBANG
	CUS_CNUM	CUSTOMER CONTACT NUMBER	INTERGER	LONG INTERGER		09219034125
	CUS_COUNT	CUSTOMER COUNT	INTERGER	SHORT INTERGER		10
	CUS_TYPE	CUSTOMER TYPE	CHARACTER	45	NOT ALL WALK INS WOULD BE ACCEPTED	RESERVATION
PK	RES_ID	RESERVATION IDENTIFICATION	INTERGER	10		1294353456
	RES_DATE	RESERVATION DATE	DATE			10/28/2019
	RES_EVENT	RESERVATION EVENT	CHARACTER	45		BIRTHDAY
	RES_VENUE	RESERVATION VENUE	CHARACTER	45		BUNGALOW
FK	CUS_ID	CUSTOMER IDENTIFICATION	INTERGER	LONG INTERGER		1294353456
PK	AGENT_ID	AGENT IDENTIFICATION	INTERGER	LONG INTERGER		1294353456
	AGENT_FNAME	AGENT FIRST NAME	CHARACTER	45		TYSON
	AGENT_LNAME	AGENT LAST NAME	CHARACTER	45		MIKE
	AGENT_CNUM	AGENT CONTACT NUMBER	INTERGER	LONG INTERGER		09219034125
FK	CUS_CNUM	CUSTOMER CONTACT NUMBER	INTERGER	LONG INTERGER		09219034125
PK	MAN_ID	MANAGER IDENTIFICATION	INTERGER	LONG INTERGER		1394353456

	MAN_FNAME	MANAGER FIRST NAME	CHARACTER	45		FREY
	MAN_LNAME	MANAGER LAST NAME	CHARACTER	45		CASIBANG
	MAN_CNUM	MANAGER CONTACT NUMBER	INTERGER	LONG INTERGER		09219634127
PK	CAT_COMP	CATERER COMPANY	CHARACTER	45	DEPENDS ON CLIENT	FULL FEED
	CAT_PACKAGE	CATERER PACKAGE	CHARACTER	45	DEPENDS ON CLIENT	FULL PACKAGE
	CAT_CNUM	CATERER CONTACT NUMBER	INTERGER	LONG INTERGER	DEPENDS ON CLIENT	09219634127
PK	PHOTO_COMP	PHOTOGRAPHER COMPANY	CHARACTER	45	DEPENDS ON CLIENT	BLUE PICTURES
	PHOTO_NAME	PHOTOGRAPHER NAME	CHARACTER	45	DEPENDS ON CLIENT	MIKE KING
	PHOTO_PACKAGE	PHOTOGRAPHER PACKAGE	CHARACTER	45	DEPENDS ON CLIENT	FULL PACKAGE
	PHOTO_CNUM	PHOTOGRAPHER CONTACT NUMBER	INTERGER	LONG INTERGER	DEPENDS ON CLIENT	09219634127

Transactions:

CREATE

```
MariaDB [(none)]> create database diosmamas;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]>
MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| diosmamas          |
| information_schema |
| mysql              |
| performance_schema |
| phpmyadmin         |
| test               |
+--------------------+
```

```
MariaDB [(none)]> CREATE TABLE diosmamas.`CUSTOMER` ( CUS_ID INT(3) NOT NULL AUTO_INCREMENT , CUS_LNAME VARCHAR(255) NOT
 NULL , CUS_FNAME VARCHAR(255) NOT NULL , CUS_CNUM INT(11) NOT NULL , CUS_COUNT INT(3) NOT NULL , CUS_TYPE VARCHAR(12) N
OT NULL , PRIMARY KEY (CUS_ID)) ENGINE = InnoDB;
```

```
MariaDB [(none)]> use diosmamas;
Database changed
MariaDB [diosmamas]> show tables;
+---------------------+
| Tables_in_diosmamas |
+---------------------+
| customer            |
+---------------------+
```

```
MariaDB [diosmamas]> CREATE TABLE diosmamas.`RESERVATION` ( RES_ID INT(3) NOT NULL , RES_DATE DATE NOT NULL , RES_EVENT
VARCHAR(25) NOT NULL , RES_VENUE VARCHAR(25) NOT NULL , CUS_ID INT(3) NOT NULL , PRIMARY KEY (RES_ID)) ENGINE = InnoDB;
Query OK, 0 rows affected (0.249 sec)
```

```
MariaDB [diosmamas]> show tables;
+---------------------+
| Tables_in_diosmamas |
+---------------------+
| customer            |
| reservation         |
+---------------------+
2 rows in set (0.001 sec)
```

```
MariaDB [diosmamas]> CREATE TABLE diosmamas.`AGENT` ( AGENT_ID INT(3) NOT NULL , AGENT_FNAME VARCHAR(25) NOT NULL , AGEN
T_LNAME VARCHAR(25) NOT NULL , AGENT_CNUM VARCHAR(11) NOT NULL , CUS_CNUM VARCHAR(11) NOT NULL , PRIMARY KEY (AGENT_ID))
 ENGINE = InnoDB;
Query OK, 0 rows affected (0.196 sec)
```

```
MariaDB [diosmamas]> show tables;
+---------------------+
| Tables_in_diosmamas |
+---------------------+
| agent               |
| customer            |
| reservation         |
+
```

```
MariaDB [diosmamas]> CREATE TABLE diosmamas.`MANAGER` ( MAN_ID INT(3) NOT NULL , MAN_FNAME VARCHAR(25) NOT NULL , MAN_LN
AME VARCHAR(25) NOT NULL , MAN_CNUM VARCHAR(11) NOT NULL , PRIMARY KEY (MAN_ID)) ENGINE = InnoDB;
Query OK, 0 rows affected (0.367 sec)
```

```
MariaDB [diosmamas]> show tables;
+---------------------+
| Tables_in_diosmamas |
+---------------------+
| agent               |
| customer            |
| manager             |
| reservation         |
+---------------------+
```

```
MariaDB [diosmamas]> CREATE TABLE `diosmamas`.`photographer` ( `PHOTO_COMP` INT(3) NOT NULL AUTO_INCREMENT , `PHOTO_NAME
` VARCHAR(255) NOT NULL , `PHOTO_PACKAGE` VARCHAR(255) NOT NULL , `PHOTO_CNUM` VARCHAR(255) NOT NULL , PRIMARY KEY (`PHO
TO_COMP`)) ENGINE = InnoDB;
Query OK, 0 rows affected (0.155 sec)
```

```
MariaDB [diosmamas]> show tables;
+---------------------+
| Tables_in_diosmamas |
+---------------------+
| agent               |
| customer            |
| manager             |
| photographer        |
| reservation         |
+---------------------+
```

```
MariaDB [diosmamas]> CREATE TABLE `diosmamas`.`caterer` ( `CAT_COMP` INT(3) NOT NULL AUTO_INCREMENT , `CAT_PACKAGE` VARC
HAR(255) NOT NULL , `CAT_CNUM` VARCHAR(255) NOT NULL , PRIMARY KEY (`CAT_COMP`)) ENGINE = InnoDB;
Query OK, 0 rows affected (0.213 sec)
```

```
MariaDB [diosmamas]> show tables;
+----------------------+
| Tables_in_diosmamas  |
+----------------------+
| agent                |
| caterer              |
| customer             |
| manager              |
| photographer         |
| reservation          |
+----------------------+
```

INSERT

```
MariaDB [diosmamas]> INSERT INTO `customer` (`CUS_ID`, `CUS_LNAME`, `CUS_FNAME`, `CUS_CNUM`, `CUS_COUNT`, `CUS_TYPE`) VA
LUES ('1', 'LORANCE', 'PEDRO', '09226633772', '13', 'RESERVATION'), ('2', 'LORANCED', 'PEDROTT', '09226633212', '20', 'R
ESERVATION'), ('3', 'LUCY', 'CLANCY', '09234213312', '40', 'RESERVATION'), ('4', 'MARIST', 'LOUISE', '09234214512', '10'
, 'WALK IN'), ('5', 'TOM', 'CRUZ', '09223214512', '5', 'WALK IN');
```

```
MariaDB [DIOSMAMA]> SELECT * FROM CUSTOMER;
+--------+-----------+-----------+-------------+-----------+-------------+
| CUS_ID | CUS_LNAME | CUS_FNAME | CUS_CNUM    | CUS_COUNT | CUS_TYPE    |
+--------+-----------+-----------+-------------+-----------+-------------+
|      1 | LORANCE   | PEDRO     | 09226633772 |        13 | RESERVATION |
|      2 | LORANCED  | PEDROT    | 09226633212 |        20 | RESERVATION |
|      3 | LUCY      | CLANCY    | 09234213312 |        40 | RESERVATION |
|      4 | MARIST    | LOUISE    | 09234214512 |        10 | WALK IN     |
|      5 | TOM       | CRUZ      | 09223214512 |         5 | WALK IN     |
+--------+-----------+-----------+-------------+-----------+-------------+
5 rows in set (0.00 sec)
```

```
MariaDB [diosmamas]> INSERT INTO `reservation` (`RES_ID`, `RES_DATE`, `RES_EVENT`, `RES_VENUE`, `CUS_ID`) VALUES ('1', '
2019-10-10', 'BIRTH DAY', 'GAZEBO', '1'), ('2', '2019-10-20', 'DEBUT', 'CAMPING SITE', '1'), ('3', '2019-10-20', 'DEBUT'
, 'CAMPING SITE', '2'), ('4', '2019-10-28', 'TEAM BUILDING', 'CAMPING SITE', '2'), ('5', '2019-10-22', 'PARTY', 'CAMPING
 SITE', '3');
```

```
MariaDB [DIOSMAMA]> SELECT * FROM RESERVATION;
+--------+------------+---------------+--------------+--------+
| RES_ID | RES_DATE   | RES_EVENT     | RES_VENUE    | CUS_ID |
+--------+------------+---------------+--------------+--------+
|      1 | 2019-10-10 | BIRTH DAY     | GAZEBO       |      1 |
|      2 | 2019-10-20 | DEBUT         | CAMPING SITE |      1 |
|      3 | 2019-10-20 | DEBUT         | CAMPING SITE |      2 |
|      4 | 2019-10-28 | TEAM BUILDING | CAMPING SITE |      2 |
|      5 | 2019-11-22 | PARTY         | CAMPING SITE |      3 |
+--------+------------+---------------+--------------+--------+
5 rows in set (0.00 sec)
```

```
MariaDB [diosmamas]> INSERT INTO `agent` (`AGENT_ID`, `AGENT_FNAME`, `AGENT_LNAME`, `AGENT_CNUM`, `CUS_CNUM`) VALUES ('1
', 'JANE', 'CRUZ', '09173035566', '09123224567'), ('2', 'JAMIE', 'CRUZ', '09173043619', '09356224567'), ('3', 'TOM', 'BR
UME', '09173034774', '09963224567'), ('4', 'TOM', 'TIM', '09173034189', '09177756567'), ('5', 'TIME ', 'HAMS', '09173034
178', '09966351767');
```

```
MariaDB [diosmamas]> SELECT * FROM `agent`;
+----------+-------------+-------------+-------------+-------------+
| AGENT_ID | AGENT_FNAME | AGENT_LNAME | AGENT_CNUM  | CUS_CNUM    |
+----------+-------------+-------------+-------------+-------------+
|        1 | JANE        | CRUZ        | 09173035566 | 09123224567 |
|        2 | JAMIE       | CRUZ        | 09173043619 | 09356224567 |
|        3 | TOM         | BRUME       | 09173034774 | 09963224567 |
|        4 | TOM         | TIM         | 09173034189 | 09177756567 |
|        5 | TIME        | HAMS        | 09173034178 | 09966351767 |
+----------+-------------+-------------+-------------+-------------+
5 rows in set (0.000 sec)
```

```
MariaDB [diosmamas]> INSERT INTO `manager` (`MAN_ID`, `MAN_FNAME`, `MAN_LNAME`, `MAN_CNUM`) VALUES ('001', 'AIMEE', 'CAS
IBANG', '09235664985'), ('002', 'FERDINAND', 'CASIBANG', '09205603979');
```

```
MariaDB [DIOSMAMA]> SELECT * FROM MANAGER;
+--------+-----------+----------+-------------+
| MAN_ID | MAN_FNAME | MAN_LNAME | MAN_CNUM   |
+--------+-----------+----------+-------------+
|      1 | AIMEE     | CASIBANG | 09235664985 |
|      2 | FERDINAND | CASIBANG | 09205603979 |
+--------+-----------+----------+-------------+
2 rows in set (0.00 sec)
```

```
MariaDB [diosmamas]> INSERT INTO `photographer` (`PHOTO_COMP`, `PHOTO_NAME`, `PHOTO_PACKAGE`, `PHOTO_CNUM`) VALUES ('1',
 'BLUE PICTURE', 'FULL', '09178885463'), ('2', 'ROSE FRAME', 'HALF', '09577412363'), ('3', 'INFAPIK', 'FULL', '091789967
34'), ('4', 'FULL LENS', 'FULL', '09412385463'), ('5', 'DARK ROOM', 'FULL', '09286941633');
```

```
MariaDB [diosmamas]> SELECT * FROM `photographer`;
+------------+--------------+---------------+-------------+
| PHOTO_COMP | PHOTO_NAME   | PHOTO_PACKAGE | PHOTO_CNUM  |
+------------+--------------+---------------+-------------+
|          1 | BLUE PICTURE | FULL          | 09178885463 |
|          2 | ROSE FRAME   | HALF          | 09577412363 |
|          3 | INFAPIK      | FULL          | 09178996734 |
|          4 | FULL LENS    | FULL          | 09412385463 |
|          5 | DARK ROOM    | FULL          | 09286941633 |
+------------+--------------+---------------+-------------+
```

```
MariaDB [diosmamas]> INSERT INTO `caterer`(`CAT_COMP`, `CAT_PACKAGE`, `CAT_CNUM`) VALUES (001,'PACKAGE A','09952364175')
;
Query OK, 1 row affected (0.043 sec)

MariaDB [diosmamas]> INSERT INTO `caterer`(`CAT_COMP`, `CAT_PACKAGE`, `CAT_CNUM`) VALUES (002,'PACKAGE C','09175634852')
;
Query OK, 1 row affected (0.062 sec)

MariaDB [diosmamas]> INSERT INTO `caterer`(`CAT_COMP`, `CAT_PACKAGE`, `CAT_CNUM`) VALUES (003,'PACKAGE B','09178793214')
;
Query OK, 1 row affected (0.061 sec)

MariaDB [diosmamas]> INSERT INTO `caterer`(`CAT_COMP`, `CAT_PACKAGE`, `CAT_CNUM`) VALUES (004,'PACKAGE D','09358779344')
;
Query OK, 1 row affected (0.039 sec)

MariaDB [diosmamas]> INSERT INTO `caterer`(`CAT_COMP`, `CAT_PACKAGE`, `CAT_CNUM`) VALUES (005,'PACKAGE E','09226895339')
;
Query OK, 1 row affected (0.065 sec)
```

```
MariaDB [diosmamas]> SELECT * FROM `caterer`;
+-----------+--------------+--------------+
| CAT_COMP  | CAT_PACKAGE  | CAT_CNUM     |
+-----------+--------------+--------------+
|         1 | PACKAGE A    | 09952364175  |
|         2 | PACKAGE C    | 09175634852  |
|         3 | PACKAGE B    | 09178793214  |
|         4 | PACKAGE D    | 09358779344  |
|         5 | PACKAGE E    | 09226895339  |
+-----------+--------------+--------------+
```

UPDATE (CHANGES ARE HIGHLIGHTEED IN YELLOW)

```
MariaDB [diosmamas]> UPDATE `photographer` SET `PHOTO_PACKAGE` = 'HALF' WHERE `photographer`.`PHOTO_COMP` = 1;
```

```
MariaDB [diosmamas]> SELECT * FROM `photographer`;
+------------+--------------+---------------+-------------+
| PHOTO_COMP | PHOTO_NAME   | PHOTO_PACKAGE | PHOTO_CNUM  |
+------------+--------------+---------------+-------------+
|          1 | BLUE PICTURE | HALF          | 09178885463 |
|          2 | ROSE FRAME   | HALF          | 09577412363 |
|          3 | INFAPIK      | FULL          | 09178996734 |
|          4 | FULL LENS    | FULL          | 09412385463 |
|          5 | DARK ROOM    | FULL          | 09286941633 |
+------------+--------------+---------------+-------------+

MariaDB [diosmamas]> UPDATE `reservation` SET `RES_EVENT` = 'WEDDING', `RES_VENUE` = 'GARDEN' WHERE `reservation`.`RES_I
D` = 3;

MariaDB [diosmamas]> SELECT * FROM `reservation`;
+--------+------------+---------------+--------------+--------+
| RES_ID | RES_DATE   | RES_EVENT     | RES_VENUE    | CUS_ID |
+--------+------------+---------------+--------------+--------+
|      1 | 2019-10-10 | BIRTH DAY     | GAZEBO       |      1 |
|      2 | 2019-10-20 | DEBUT         | CAMPING SITE |      1 |
|      3 | 2019-10-20 | WEDDING       | GARDEN       |      2 |
|      4 | 2019-10-28 | TEAM BUILDING | CAMPING SITE |      2 |
|      5 | 2019-10-22 | PARTY         | CAMPING SITE |      3 |
+--------+------------+---------------+--------------+--------+

MariaDB [diosmamas]> UPDATE `customer` SET `CUS_COUNT` = '20', `CUS_TYPE` = 'WALK IN' WHERE `customer`.`CUS_ID` = 3;

MariaDB [diosmamas]> SELECT * FROM `customer`;
+--------+-----------+-----------+-------------+-----------+-------------+
| CUS_ID | CUS_LNAME | CUS_FNAME | CUS_CNUM    | CUS_COUNT | CUS_TYPE    |
+--------+-----------+-----------+-------------+-----------+-------------+
|      1 | LORANCE   | PEDRO     | 09226633772 |        13 | RESERVATION |
|      2 | LORANCED  | PEDROTT   | 09226633212 |        20 | RESERVATION |
|      3 | LUCY      | CLANCY    | 09234213312 |        20 | WALK IN     |
|      4 | MARIST    | LOUISE    | 09234214512 |        10 | WALK IN     |
|      5 | TOM       | CRUZ      | 09223214512 |         5 | WALK IN     |
+--------+-----------+-----------+-------------+-----------+-------------+

MariaDB [diosmamas]> UPDATE `agent` SET `AGENT_LNAME` = 'CROSS' WHERE `agent`.`AGENT_ID` = 3;
```

```
MariaDB [diosmamas]> SELECT * FROM `agent`;
+----------+-------------+-------------+-------------+-------------+
| AGENT_ID | AGENT_FNAME | AGENT_LNAME | AGENT_CNUM  | CUS_CNUM    |
+----------+-------------+-------------+-------------+-------------+
|        1 | JANE        | CRUZ        | 09173035566 | 09123224567 |
|        2 | JAMIE       | CRUZ        | 09173043619 | 09356224567 |
|        3 | TOM         | CROSS       | 09173034774 | 09963224567 |
|        4 | TOM         | TIM         | 09173034189 | 09177756567 |
|        5 | TIME        | HAMS        | 09173034178 | 09966351767 |
+----------+-------------+-------------+-------------+-------------+
```

```
MariaDB [diosmamas]> UPDATE `photographer` SET `PHOTO_PACKAGE` = 'HALF' WHERE `photographer`.`PHOTO_COMP` = 4;
```

```
MariaDB [diosmamas]> SELECT * FROM `photographer`;
+------------+--------------+---------------+-------------+
| PHOTO_COMP | PHOTO_NAME   | PHOTO_PACKAGE | PHOTO_CNUM  |
+------------+--------------+---------------+-------------+
|          1 | BLUE PICTURE | HALF          | 09178885463 |
|          2 | ROSE FRAME   | HALF          | 09577412363 |
|          3 | INFAPIK      | FULL          | 09178996734 |
|          4 | FULL LENS    | HALF          | 09412385463 |
|          5 | DARK ROOM    | FULL          | 09286941633 |
+------------+--------------+---------------+-------------+
```

```
MariaDB [diosmamas]> UPDATE `manager` SET `MAN_CNUM` = '09773034652' WHERE `manager`.`MAN_ID` = 2;
```

```
MariaDB [diosmamas]> SELECT * FROM `manager`;
+--------+-----------+-----------+-------------+
| MAN_ID | MAN_FNAME | MAN_LNAME | MAN_CNUM    |
+--------+-----------+-----------+-------------+
|      1 | AIMEE     | CASIBANG  | 09235664985 |
|      2 | FERDINAND | CASIBANG  | 09773034652 |
+--------+-----------+-----------+-------------+
```
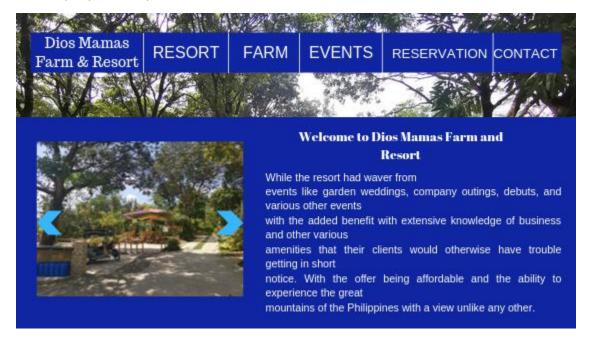
DELETE

```
MariaDB [diosmamas]> DELETE FROM agent WHERE AGENT_LNAME = 'CRUZ';
Query OK, 2 rows affected (0.108 sec)

MariaDB [diosmamas]> SELECT * FROM `agent`;
+----------+------------+-------------+-------------+-------------+
| AGENT_ID | AGENT_FNAME | AGENT_LNAME | AGENT_CNUM  | CUS_CNUM    |
+----------+------------+-------------+-------------+-------------+
|        3 | TOM        | CROSS       | 09173034774 | 09963224567 |
|        4 | TOM        | TIM         | 09173034189 | 09177756567 |
|        5 | TIME       | HAMS        | 09173034178 | 09966351767 |
+----------+------------+-------------+-------------+-------------+
3 rows in set (0.000 sec)
```

```
MariaDB [diosmamas]> DELETE FROM reservation WHERE RES_EVENT = 'PARTY';
Query OK, 1 row affected (0.087 sec)

MariaDB [diosmamas]>
MariaDB [diosmamas]> SELECT * FROM `reservation`;
+--------+------------+---------------+--------------+--------+
| RES_ID | RES_DATE   | RES_EVENT     | RES_VENUE    | CUS_ID |
+--------+------------+---------------+--------------+--------+
|      1 | 2019-10-10 | BIRTH DAY     | GAZEBO       |      1 |
|      3 | 2019-10-20 | WEDDING       | GARDEN       |      2 |
|      4 | 2019-10-28 | TEAM BUILDING | CAMPING SITE |      2 |
+--------+------------+---------------+--------------+--------+
```

```
MariaDB [diosmamas]> DELETE FROM customer WHERE CUS_COUNT < 10;
Query OK, 1 row affected (0.069 sec)

MariaDB [diosmamas]> SELECT * FROM `customer`;
+--------+-----------+-----------+-------------+-----------+-------------+
| CUS_ID | CUS_LNAME | CUS_FNAME | CUS_CNUM    | CUS_COUNT | CUS_TYPE    |
+--------+-----------+-----------+-------------+-----------+-------------+
|      1 | LORANCE   | PEDRO     | 09226633772 |        13 | RESERVATION |
|      2 | LORANCED  | PEDROTT   | 09226633212 |        20 | RESERVATION |
|      3 | LUCY      | CLANCY    | 09234213312 |        20 | WALK IN     |
|      4 | MARIST    | LOUISE    | 09234214512 |        10 | WALK IN     |
+--------+-----------+-----------+-------------+-----------+-------------+
```

```
MariaDB [diosmamas]> DELETE FROM photographer WHERE PHOTO_PACKAGE ='FULL';
Query OK, 2 rows affected (0.085 sec)

MariaDB [diosmamas]> SELECT * FROM `photographer`;
+------------+-------------+---------------+-------------+
| PHOTO_COMP | PHOTO_NAME  | PHOTO_PACKAGE | PHOTO_CNUM  |
+------------+-------------+---------------+-------------+
|          1 | BLUE PICTURE | HALF         | 09178885463 |
|          2 | ROSE FRAME   | HALF         | 09577412363 |
|          4 | FULL LENS    | HALF         | 09412385463 |
+------------+-------------+---------------+-------------+

MariaDB [diosmamas]> DELETE FROM caterer WHERE CAT_PACKAGE ='PACKAGE D';
Query OK, 1 row affected (0.093 sec)

MariaDB [diosmamas]>
MariaDB [diosmamas]> SELECT * FROM `caterer`;
+----------+-------------+-------------+
| CAT_COMP | CAT_PACKAGE | CAT_CNUM    |
+----------+-------------+-------------+
|        1 | PACKAGE A   | 09952364175 |
|        2 | PACKAGE C   | 09175634852 |
|        3 | PACKAGE B   | 09178793214 |
|        5 | PACKAGE E   | 09226895339 |
+----------+-------------+-------------+

MariaDB [diosmamas]> DELETE FROM manager WHERE MAN_FNAME ='FERDINAND';
Query OK, 1 row affected (0.088 sec)

MariaDB [diosmamas]> SELECT * FROM `manager`;
+--------+-----------+-----------+-------------+
| MAN_ID | MAN_FNAME | MAN_LNAME | MAN_CNUM    |
+--------+-----------+-----------+-------------+
|      1 | AIMEE     | CASIBANG  | 09235664985 |
+--------+-----------+-----------+-------------+
1 row in set (0.000 sec)
```

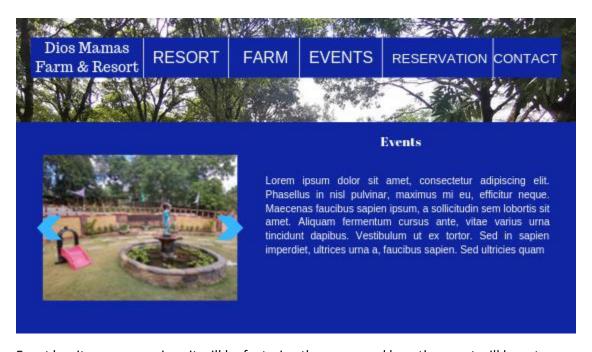Screen Design for the System Prototype

This is the homepage of the website it will be a scroll-down feature. It will give you the general idea of the company and the place itself.

Both Resort and Farm have the same page, but it will be linkable and scroll-down feature. It will give the information about different activities that you can do.

Event has its own page since it will be featuring the venue and how the event will be set-up.

This is the reservation form from the reservation page. It will give you the instructions how to do reservation and letting you fill out a form.

This contact page will be the links of their pages and their contact number and where to find them.

Appendices:

Evidence that we passed the letter to them.