KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION SYSTEMS

INFO 1103 – Database System

Semester 1 2016/17

Project Final Report

Hall Reservation

Section : 02

Team Name: IT Commandos

Group Members

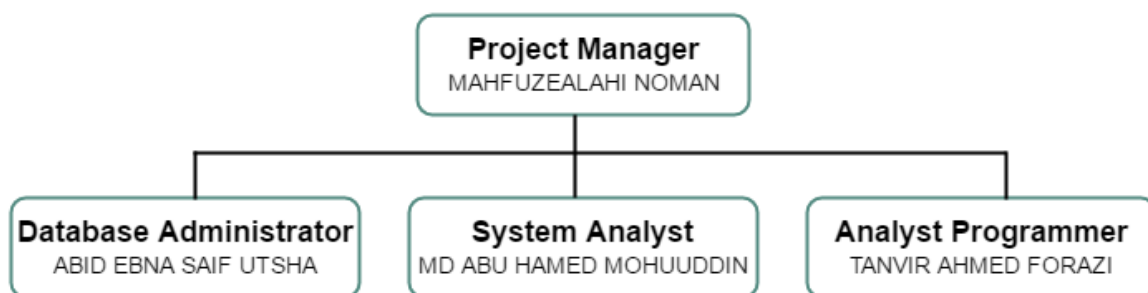|	
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Supervised by
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1.0 Introduction

We are going to start working on a project to automate the operation of HallCast. We are calling the system as hall reservation system. Currently all the operation at HallCast is done manually from customer registration, reserving hall, and selecting equipment. The Hall Reservation System replaces some of the manual process with an integrated computerized system that will capture records, improve customer service, reduce operational cost and increase customer satisfaction. This project is estimated to cost the company $180,000 and the duration of the project is about 6 months.

The project team is headed by Project Manager Mahfuzealahi Noman from IT Commandos Sdn Bhd. and the team members consist of one system analyst and two programmers. IT Commandos has been in system development project for the past eight years.

1.1 Project Team Organization

1.2 Business Transactions

1. Register Customer
2. Register Staff
3. Register hall type
4. Customer reserving hall
5. Customer selecting equipment
6. Customer payment
7. Accept Payment
8. Process due payment
9. Print due Report
10. Print Customer Invoice

1.3 Screen Design

1. Customer registration screen
2. Staff registration screen
3. Hall reserving screen
4. Payment screen

1. Customer registration screen

Hall Reservation System
- -
Customer Registration form
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Field		
First Name	:	
Last Name	:	
Sex	:	
Tel. No.	:	
Registration Date	:	
DOB	:	
Address	:	

2. Staff Registration Form

Hall Reservation System
- -
Staff Registration form
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Field		
First Name	:	
Last Name	:	
Sex	:	
Tel. No.	:	
Registration Date	:	
DOB	:	
Address	:	

3. Hall Reservation Screen

```
Hall Reservation System
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Hall Reservation form
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Customer Name      :    [_____]
Customer ID        :    [_____]
Date Of Booking    :    [_____]
Duration           :    [_____]
Hall type          :    [_____]
Location           :    [_____]
No. Of Guest       :    [_____]
Equipments         :    [_____]
```

4. Payment Screen

```
Hall Reservation System
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Payment Slip
═══════════════════════════════════════════════

Customer ID        :    [_____]
Hall booked        :    [_____]
Due                :    [_____]
Net Payment        :    [_____]
Total              :    [_____]

        ⦿ Accept              ◯ Cancel
```

1.4   Document / Report Design

1. Due Report
2. Customer Invoice

1. Due Report

Hall Reservation System

- -

Due Report

Customer Copy

Date ....

Customer Name : _____

Customer ID : _____

Due Payment : _____ Due Date : _____

_____
Signature

2. Customer Invoice

Hall Reservation System

- -

Customer Invoice

Receipt No. : Date ....

Customer Name : _____

Customer ID : _____

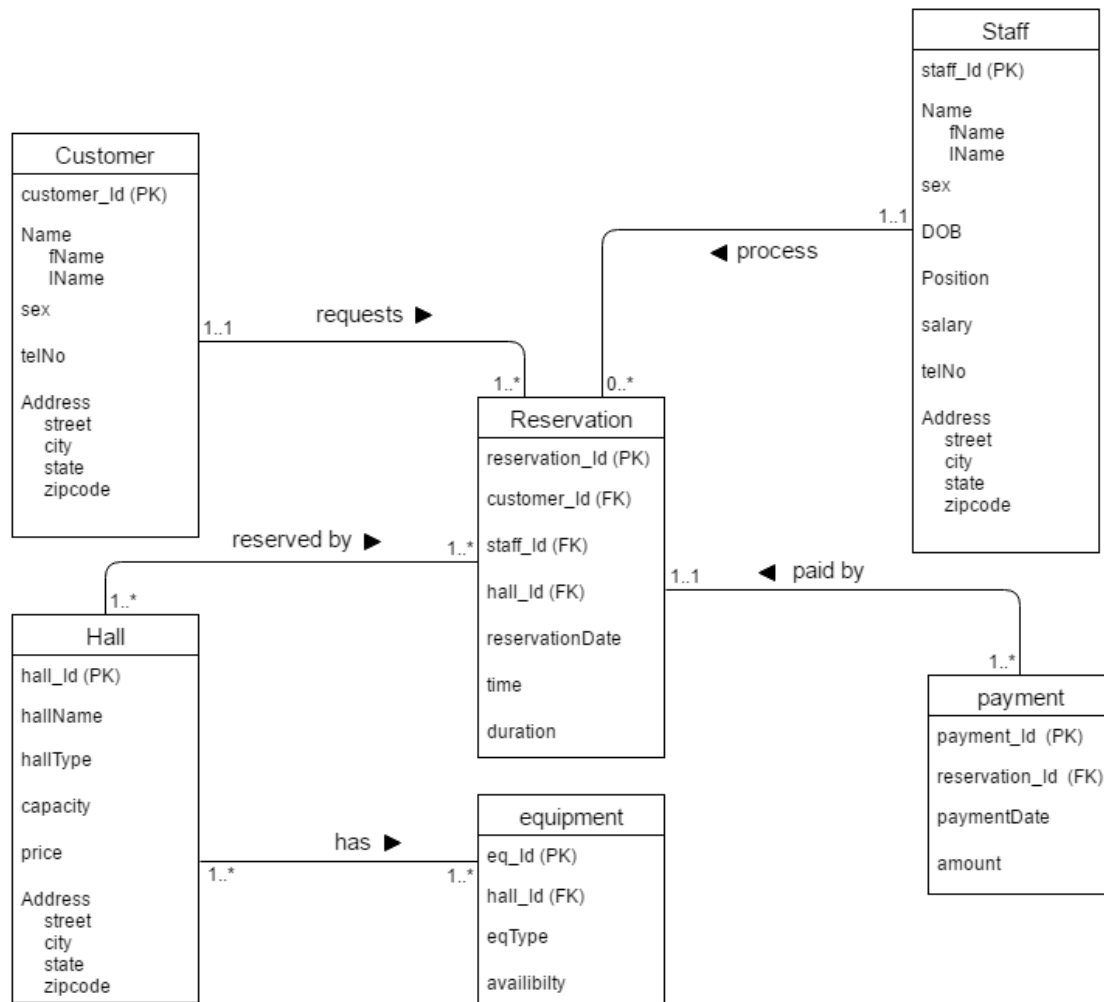| Item	Amount
1	
2	
3	
4	
5	

_____

Net Amount

Due _____

Total

_____
Signature

2.0 Entity-Relationship Model

3.0 LOGICAL DATABASE DESIGN

Customer (customer_Id, fName, lName, sex, telNo, street, city, state, zipcode)

>   **Primary key** – customer_Id

Staff (staff_Id, fName, lName, sex, DOB, position, salary, telNo, street, city, state, zipcode)

>   **Primary key** – stuff_Id

Hall (hall_Id, name, type capacity, price, street, city, state, zipcode)

>   **Primary key** – hall_Id

Equipment (eq_Id, type, availability, hall_Id)

>   **Primary key** – eq_Id
>   **Foreign key** – hall_Id references **Hall** (hall_Id)

Reservation (reservation_Id, reservationdate, time, duration, customer_Id, staff_Id, hall_Id)

> **Primary key** – reservation_Id
> **Foreign key** – customer_Id references **Customer** (customer_Id)
> **Foreign key** – staff_Id references **Staff** (staff_Id)
> **Foreign key** – hall_Id references **Hall** (hall_Id)

Payment (payment_Id, paymentDate, amount, reservation_Id)

> **Primary key** – payment_Id
> **Foreign key** – reservation_Id references **Reservation** (reservation_Id)

4.0   PHYSICAL DATABASE DESIGN

Create Table Customer
```
(
        customer_Id    varchar(5) not null,
        fName          char(10),
        lName          char(10),
        sex            char(1),
        telNo          number(11),
        street         varchar(20),
        city           varchar(20),
        state          varchar(20),
        zipcode                number(6),
        PRIMARY KEY (customer_Id)
);
```

Create Table Staff
```
(
        staff_Id       varchar(5) not null,
        fName          char(10),
        lName          char(10),
        sex            char(1),
        dob            date,
        position       char(10),
        salary         number(7,2),
        telNo          number(11),
        street         varchar(20),
        city           varchar(20),
        state          varchar(20),
        zipcode                number(6),
        PRIMARY KEY (staff_Id)
);
```

```
Create Table Hall
(
        hall_Id         varchar(4) not null,
        name            char(50),
        type            char(20),
        capacity        number(5),
        price           number(6),
        street          varchar(20),
        city            varchar(20),
        state           varchar(20),
        zipcode                 number(6),
        PRIMARY KEY (hall_Id)
);


Create Table Equipment
(
        eq_Id           varchar(4) not null,
        type            char(20),
        availibility    number(3),
        hall_Id         varchar(4),
        PRIMARY KEY (eq_Id),
        FOREIGN KEY (hall_Id) references Hall(hall_Id)
);


Create Table Reservation
(
        reservation_Id          varchar(5) not null,
        reservationdate                 date,
        time                    number(4),
        duration                number(2),
        customer_Id             varchar(5),
        staff_Id                varchar(5),
        hall_Id                 varchar(4),
        PRIMARY KEY (reservation_Id),
        FOREIGN KEY (customer_Id) references Customer(customer_Id),
        FOREIGN KEY (staff_Id) references Staff(staff_Id),
        FOREIGN KEY (hall_Id) references Hall(hall_Id)
);


Create Table Payment
(
        payment_Id              varchar(6) not null,
        paymentdate             date,
        amount                  number(6),
        reservation_Id          varchar(5),
        PRIMARY KEY (payment_Id),
        FOREIGN KEY (reservation_Id) references Reservation(reservation_Id)
);
```

insert into Customer values ('C1569', 'Imtiaz', 'sakib', 'M', 0182874247, 'jln sri gombak', 'gombak', 'selangor', 53100);

insert into Customer values ('C1420', 'Yang', 'hao', 'M', 0185683756, 'wangsa maju', 'setapak', 'kuala lumpur', 54050);

insert into Customer values ('C1430', 'Jack', 'frost', 'M', 0115698346, '28,gombak', 'gombak', 'selangor', 53200);

insert into Customer values ('C1179', 'Piggy', 'quene', 'F', 0115673284, 'chowkit', 'kuala lumpur', 'kuala lumpur', 50960);

insert into Customer values ('C2497', 'David', 'thomas', 'M', 0183294618, '245 lane end', 'setapak', 'kuala lumpur', 54470);

insert into Customer values ('C1968', 'Alaine', 'jones', 'F', 0184193725, '1, old road', 'sri petalin', 'kuala lumpur', 54230);

insert into Customer values ('C2060', 'Symon', 'lee', 'M', 0116274531, '1002 north end', 'puchong', 'selangor', 54150);

insert into Customer values ('C1325', 'Mior', 'hanif', 'M', 0185274632, 'taman anjaria', 'kota bharu', 'kelantan', 15400);

insert into Customer values ('C1502', 'Aina', 'fariha', 'F', 0113524862, 'jln kampung laut', 'kelantan', 'kelantan', 15400);

insert into Customer values ('C2055', 'Nurul', 'hosna', 'F', 0185213524, 'george town', 'penang', 'penang', 10300);

insert into Customer values ('C1956', 'Siti', 'najiha', 'F', 0112313526, 'putra height', 'subangjaya', 'selangor', 40400);

insert into Customer values ('C2585', 'Afi', 'johari', 'F', 0185252564, 'jln p5 putrajaya', 'wp putrajaya', 'putrajaya', 62200);

insert into Customer values ('C1685', 'Mohd', 'nawfal', 'M', 0185252654, '17 tawaj idaman', 'ipoh', 'perak', 30010);

insert into Customer values ('C1431', 'Hazim', 'azizi', 'M', 0112586321, 'jln teruntum', 'kuantan', 'pahang', 25000);

insert into Customer values ('C2111', 'Amalin', 'soleha', 'F', 0182541252, 'persiaran semarak', 'cyberjaya', 'selangor', 63000);

insert into Staff values ('S1040', 'john', 'white', 'M', to_date('1/11/1965', 'dd/mm/yyyy'), 'manager', 30000, 0184236952, '205 lane end', 'setapak', 'kuala lumpur', 54470);

insert into Staff values ('S2506', 'ann', 'beech', 'F', to_date('10/10/1980', 'dd/mm/yyyy'), 'assistant', 15000, 0114521252, '1, old road', 'sri petalin', 'kuala lumpur', 54230);

insert into Staff values ('S1525', 'David', 'ford', 'M', to_date('24/03/1978', 'dd/mm/yyyy'), 'supervisor', 18000, 0185258563, 'jln p5 putrajaya', 'wp putrajaya', 'putrajaya', 62200);

insert into Staff values('S1852', 'Marry', 'howe', 'F', to_date('19/02/1985', 'dd/mm/yyyy'), 'assistant', 10000, 0187478846, 'persiaran semarak', 'cyberjaya', 'selangor', 63000);

insert into Staff values ('S1134', 'Abdul', 'galif', 'M', to_date('20/05/1982', 'dd/mm/yyyy'), 'manager', '24000', 0112123652, 'wangsa maju', 'setapak', 'kuala lumpur', 54050);

insert into Staff values('S1902', 'Nabil', 'showki', 'M', to_date('21/08/1988', 'dd/mm/yyyy'), 'supervisor', 16000, 0186936321, 'putra height', 'subangjaya', 'selangor', 40400);

insert into Hall values ('H102', 'Kl convention centre', 'convention centre', 500, 280, 'jln pinang', 'kuala lumpur', 'kuala lumpur', 50088);

insert into Hall values ('H103', 'sunway convention centre', 'convention centre', 430, 290, 'bandar sunway', 'subangjaya', 'selangor', 47500);

insert into Hall values ('H201', 'carnival club', 'club house', 250, 180, 'jln 2/23d', 'setapak', 'kuala lumpur', 53300);

insert into Hall values ('H205', 'the raintree', 'club house', 220, 150, 'jln wickham', 'ampang', 'kuala lumpur', 5500);

insert into Hall values ('H309', 'vision kl', 'scouts and theatres', 660, 200, 'jln 1/13a', 'setia alam', 'shah alam', 2500);

insert into Hall values ('H405', 'lilnagkit cultural village', 'village hall', 150, 120, '7/a', 'wangsa maju', 'kuala lumpur', 54820);

insert into Equipment values('E101', 'Chair', 800, 'H102');

insert into Equipment values('E103', 'table', 60, 'H103');

insert into Equipment values('E105', 'microphone', 10, 'H309');

insert into Equipment values('E106', 'speaker', 20, 'H309');

insert into Equipment values('E108', 'projector', 5, 'H309');

insert into Equipment values('E201', 'custom lighting', 5, 'H201');

insert into Reservation values('R1011', to_date('03/01/2016', 'dd/mm/yyyy'), 18, 4, 'C1569', 'S2506', 'H102');

insert into Reservation values('R1015', to_date('17/01/2016', 'dd/mm/yyyy'), 20, 3, 'C1420', 'S2506', 'H102');

insert into Reservation values('R1022', to_date('14/02/2016', 'dd/mm/yyyy'), 15, 5, 'C1430', 'S2506', 'H102');

insert into Reservation values('R1024', to_date('28/02/2016', 'dd/mm/yyyy'), 18, 2, 'C1179', 'S2506', 'H103');

insert into Reservation values('R1036', to_date('06/03/2016', 'dd/mm/yyyy'), 19, 3, 'C2497', 'S2506', 'H103');

insert into Reservation values('R1038', to_date('13/03/2016', 'dd/mm/yyyy'), 20, 4, 'C1968', 'S1525', 'H103');

insert into Reservation values('R1044', to_date('10/04/2016', 'dd/mm/yyyy'), 15, 3, 'C2060', 'S1525', 'H201');

insert into Reservation values('R1046', to_date('17/04/2016', 'dd/mm/yyyy'), 18, 2, 'C1325', 'S1525', 'H201');

insert into Reservation values('R1051', to_date('08/05/2016', 'dd/mm/yyyy'), 22, 2, 'C1502', 'S1525', 'H201');

insert into Reservation values('R1056', to_date('29/05/2016', 'dd/mm/yyyy'), 16, 3, 'C2055', 'S1525', 'H205');

insert into Reservation values('R1063', to_date('12/06/2016', 'dd/mm/yyyy'), 20, 4, 'C1956', 'S1852', 'H205');

insert into Reservation values('R1069', to_date('19/06/2016', 'dd/mm/yyyy'), 19, 5, 'C2585', 'S1852', 'H205');

insert into Reservation values('R1075', to_date('10/07/2016', 'dd/mm/yyyy'), 16, 6, 'C1685', 'S1852', 'H309');

insert into Reservation values('R1077', to_date('31/07/2016', 'dd/mm/yyyy'), 20, 3, 'C1431', 'S1852', 'H309');

insert into Reservation values('R1081', to_date('14/08/2016', 'dd/mm/yyyy'), 22, 2, 'C2111', 'S1852', 'H309');

insert into Reservation values('R1084', to_date('28/08/2016', 'dd/mm/yyyy'), 19, 4, 'C1968', 'S1902', 'H405');

insert into Reservation values('R1093', to_date('11/09/2016', 'dd/mm/yyyy'), 20, 3, 'C1956', 'S1902', 'H405');

insert into Reservation values('R1096', to_date('18/09/2016', 'dd/mm/yyyy'), 15, 4, 'C2497', 'S1902', 'H405');

insert into Reservation values('R1101', to_date('09/10/2016', 'dd/mm/yyyy'), 18, 5, 'C1502', 'S1902', 'H103');

insert into Reservation values('R1105', to_date('23/10/2016', 'dd/mm/yyyy'), 20, 4, 'C1325', 'S1902', 'H201');

insert into Payment values('P00025', to_date('03/01/2016', 'dd/mm/yyyy'), 840, 'R1011');

insert into Payment values('P00028', to_date('17/01/2016', 'dd/mm/yyyy'), 670, 'R1015');

insert into Payment values('P00031', to_date('14/02/2016', 'dd/mm/yyyy'), 1100, 'R1022');

insert into Payment values('P00037', to_date('28/02/2016', 'dd/mm/yyyy'), 430, 'R1024');

insert into Payment values('P00041', to_date('06/03/2016', 'dd/mm/yyyy'), 630, 'R1036');

insert into Payment values('P00054', to_date('13/03/2016', 'dd/mm/yyyy'), 950, 'R1038');

insert into Payment values('P00055', to_date('10/04/2016', 'dd/mm/yyyy'), 820, 'R1044');

insert into Payment values('P00059', to_date('17/04/2016', 'dd/mm/yyyy'), 545, 'R1046');

insert into Payment values('P00068', to_date('08/05/2016', 'dd/mm/yyyy'), 600, 'R1051');

insert into Payment values('P00075', to_date('29/05/2016', 'dd/mm/yyyy'), 780, 'R1056');

insert into Payment values('P00088', to_date('12/06/2016', 'dd/mm/yyyy'), 1023, 'R1063');

insert into Payment values('P00095', to_date('19/06/2016', 'dd/mm/yyyy'), 1500, 'R1069');

insert into Payment values('P00096', to_date('10-07-2016', 'dd/mm/yyyy'), 1900, 'R1075');

insert into Payment values('P00101', to_date('31-07-2016', 'dd/mm/yyyy'), 750, 'R1077');

insert into Payment values('P00125', to_date('14-08-2016', 'dd/mm/yyyy'), 590, 'R1081');

insert into Payment values('P00136', to_date('28-08-2016', 'dd/mm/yyyy'), 1055, 'R1084');

insert into Payment values('P00139', to_date('11-09-2016', 'dd/mm/yyyy'), 900, 'R1093');

insert into Payment values('P00150', to_date('18-09-2016', 'dd/mm/yyyy'), 955, 'R1096');

insert into Payment values('P00156', to_date('09-10-2016', 'dd/mm/yyyy'), 1600, 'R1101');

insert into Payment values('P00161', to_date('23-10-2016', 'dd/mm/yyyy'), 1522, 'R1105');

5.0   SAMPLES QUERIES

5.1   Basic queries

Q1.1   Insert record for 1 customer named 'Amad soleman'

insert into Customer values('C2991', 'Amad', 'soleman', 'm', 0189541292, 'persiaran semarak', 'cyberjaya', 'selangor', 63000);

Q1.2   Change reservation with ID R1077 hall Id from H309 to H201

update Reservation set hall_Id = 'H201' where reservation_Id = 'R1077';

Q1.3   Delete record for 1 payment with ID P00025

delete from Payment where payment_Id = 'P00025';

Q1.4   Insert record for 1 payment with ID P10025

insert into Payment values('P10025', to_date('03/01/2016', 'dd/mm/yyyy'), 700, 'R1011');

Q1.5   Change staff with ID S1902 salary from 16000 to 20000

update Staff set salary = 20000 where staff_Id = 'S1902';

5.2   Operational Queries

Q2.1   List reservation information that have been paid more than 800

select r.reservationDate, r.time, r.duration, r.hall_Id, r.customer_Id, p.amount
from reservation r, payment p
where r.reservation_Id = p.reservation_Id and p.amount > 800
order by r.reservationDate;

Q2.2   List reservation information processed by staff 'Nabil showki'

select s.staff_Id, r.reservation_Id, r.reservationDate, r.hall_Id
from staff s, reservation r
where s.staff_id = r.staff_Id and s.staff_Id = 'S1902';

Q2.3   List reservation information reserved by customer 'Piggy quene'

select c.customer_id, c.fName, r.reservationDate, r.hall_Id, r.time
from customer c, reservation r
where c.customer_Id = r.customer_Id and c.customer_Id = 'C1179'
order by r.hall_Id;

Q2.4   List reservation information reserved after 1st February, 2016

select h.hall_Id, h.Name, r.reservationDate, r.time, r.duration
from hall h, reservation r
where h.hall_Id = r.hall_Id and r.reservationDate > '01-Feb-2016'
order by h.hall_Id;

Q2.5   List information of customers with first letter 'A'

select *
from customer
where fName like 'A%';

5.3   Strategic queries

Q3.1   List number of halls based on hall type

select type, count(name) as No_Of_hall
from hall
group by type;

Q3.2   Total number of reserved distinct hall

select h.name, count(p.reservation_Id) as No_Of_times_reserved
from hall h, reservation r, payment p
where h.hall_Id = r.hall_Id and r.reservation_Id = p.reservation_Id
group by h.name;

Q3.3   List average and total money earned by individual hall

select h.name, avg(p.amount) as Average_earned, sum(p.amount) as total_earned
from hall h, reservation r, payment p
where h.hall_Id = r.hall_Id and r.reservation_Id = p.reservation_Id
group by h.name;

Q3.4   List number of distinct hall reserved after 4.00pm

select h.hall_Id, h.name, count(r.reservation_Id) as no_of_time_rented
from hall h, reservation r
where h.hall_Id = r.hall_Id and r.time > 16
group by h.hall_Id, h.name
order by h.hall_Id;

Q3.5   Total number of reservation process by individual staff

select s.staff_Id, concat(s.fName, s.lName) as Name, count(r.reservation_Id)
from staff s, reservation r
where s.staff_Id = r.staff_Id
group by s.staff_Id, s.fName, s.lName
having count(r.reservation_Id) > 1;

5.4   User Views

Q4.1 Create a view for customer

create view Hall_list as select h.name, h.type, h.capacity, h.price, h.street,
h.city, e.type, e.availibility
from hall h, equipment e
where h.hall_Id = e.hall_Id;

Q4.2   Create a view for middle management

create view reserved_by as select c.fName, c.lName, c.telNo, c.street, c.city , s.fName
as processed_BY
from staff s, customer c, reservation r
where c.customer_Id = r.customer_Id;

Q4.3   Create a view for top management

create view gross_income as select h.name, avg(p.amount) as Average_earned,
sum(p.amount) as total_earned
from hall h, reservation r, payment p
where h.hall_Id = r.hall_Id and r.reservation_Id = p.reservation_Id
group by h.name;

6.0   RECORD LISTING

Customer_Records

Customer_id	fName	lName	sex	tel_no	street	city	state	zipcode
C1569	Imtiaz	sakib	M	01828742 47	jln sri gombak	gombak	selangor	53100
C1420	Yang	hao	M	01856837 56	wangsa maju	setapak	kuala lumpur	54050
C1430	Jack	frost	M	01156983 46	28,gombak	gombak	selangor	53200
C1179	Piggy	quene	F	01156732 84	Chowkit	kuala lumpur	kuala lumpur	50960
C2497	David	thomas	M	01832946 18	245 lane end	setapak	kuala lumpur	54470

C1968	Alaine	jones	F	0184193725	1, old road	sri petalin	kuala lumpur	54230
C2060	Symon	lee	M	0116274531	1002 north end	puchong	selangor	54150
C1325	Mior	hanif	M	0185274632	taman anjaria	kota bharu	kelantan	15400
C1502	Aina	fariha	F	0113524862	jln kampung laut	kelantan	kelantan	15400
C2055	Nurul	hosna	F	0185213524	george town	penang	penang	10300
C1956	Siti	najiha	F	0112313526	putra height	subang jaya	selangor	40400
C2585	Afi	johari	F	0185252564	jln p5 putrajaya	wp putrajaya	putrajaya	62200
C1685	Mohd	nawfal	M	0185252654	17 tawaj idaman	ipoh	perak	30010
C1431	Hazim	azizi	M	0112586321	jln teruntum	kuantan	pahang	25000
C2111	Amalin	soleha	F	0182541252	persiaran semarak	cyberjaya	selangor	63000

Hall_Records

hall_id	hall_name	hall_type	capacity	price	street	city	state	zipcode
H102	Kl convention centre	convention centre	500	280	jln pinang	kuala lumpur	kuala lumpur	50088
H103	sunway convention centre	convention centre	430	290	bandar sunway	Subangjaya	selangor	47500
H201	carnival club	club house	250	180	jln 2/23d	Setapak	kuala lumpur	53300
H205	the raintree	club house	220	150	jln wickham	Ampang	kuala lumpur	55000
H309	vision kl	scouts and theatres	660	200	jln 1/13a	setia alam	shah alam	25000
H405	lilnagkit cultural village	village hall	150	120	7/a	wangsa maju	kuala lumpur	54820

Staff_Records

Staff_id	fname	lname	sex	dob	position	salary	tel_no	street	city	state	zipcode
S1040	john	white	M	1/11/1965	manager	30000	0184236952	205 lane end	setapak	kuala lumpur	54470
S2506	ann	beech	F	10/10/1980	assistant	15000	0114521252	1, old road	sri petalin	kuala lumpur	54230
S1525	David	ford	M	24/03/1978	supervisor	18000	0185258563	jln p5 putrajaya	wp putrajaya	putrajaya	62200
S1852	Marry	howe	F	19/02/1985	assistant	10000	0187478846	persiaran semarak	cyberjaya	selangor	63000
S1134	Abdul	galif	M	20/05/1982	manager	24000	0112123652	wangsa maju	setapak	kuala lumpur	54050
S1902	Nabil	showki	M	21/08/1988	supervisor	16000	0186936321	putra height	subang jaya	selangor	40400

Equipment_Records

equipment_id	equipment_type	availability	hall_id
E101	Chair	800	H102
E103	table	60	H103
E105	microphone	10	H309
E106	speaker	20	H309
E108	projector	5	H309
E201	custom lighting	5	H201

Reservation_Records

reservation_id	reservation_date	time	duration	customer_id	staff_id	hall_id
R1011	03/01/2016	18:00	4	C1569	S2506	H102
R1015	17/01/2016	20:00	3	C1420	S2506	H102
R1022	14/02/2016	15:00	5	C1430	S2506	H102
R1024	28/02/2016	18:00	2	C1179	S2506	H103
R1036	06/03/2016	19:00	3	C2497	S2506	H103
R1038	13/03/2016	20:00	4	C1968	S1525	H103
R1044	10/04/2016	15:00	3	C2060	S1525	H201
R1046	17/04/2016	18:00	2	C1325	S1525	H201
R1051	08/05/2016	22:00	2	C1502	S1525	H201
R1056	29/05/2016	16:00	3	C2055	S1525	H205
R1063	12/06/2016	20:00	4	C1956	S1852	H205
R1069	19/06/2016	19:00	5	C2585	S1852	H205
R1075	10/07/2016	16:00	6	C1685	S1852	H309
R1077	31/07/2016	20:00	3	C1431	S1852	H309
R1081	14/08/2016	22:00	2	C2111	S1852	H309
R1084	28/08/2016	19:00	4	C1968	S1902	H405
R1093	11/09/2016	20:00	3	C1956	S1902	H405
R1096	18/09/2016	15:00	4	C2497	S1902	H405
R1101	09/10/2016	18:00	5	C1502	S1902	H103
R1105	23/10/2016	20:00	4	C1325	S1902	H201

Payment_Records

payment_id	date	amount	reservation_id
P00025	03/01/2016	840	R1011
P00028	17/01/2016	670	R1015
P00031	14/02/2016	110	R1022
P00037	28/02/2016	430	R1024

P00041	06/03/2016	630	R1036
P00054	13/03/2016	950	R1038
P00055	10/04/2016	820	R1044
P00059	17/04/2016	545	R1046
P00068	08/05/2016	600	R1051
P00075	29/05/2016	780	R1056
P00088	12/06/2016	1023	R1063
P00095	19/06/2016	1500	R1069
P00096	10-07-2016	1900	R1075
P00101	31-07-2016	750	R1077
P00125	14-08-2016	590	R1081
P00136	28-08-2016	1055	R1084
P00139	11-09-2016	900	R1093
P00150	18-09-2016	955	R1096
P00156	09-10-2016	1600	R1101
P00161	23-10-2016	1522	R1105