### 2.2.3 ATTENDANT_T Table

| att_id | att_fname | att_lname | att_gender | att_position | att_airline | att_salary | att_phone | att_street | att_city | att_state | att_postcode | att_country |
|--------|-----------|-----------|------------|--------------|-------------|------------|-----------|------------|----------|-----------|--------------|-------------|
| AT0001 | JOE | MAMA | M | J | ECHO AIRLINE | 2800.00 | 60 11-8889 7146 | 22 JLN RAJA M... | KUALA LUMPUR | SELANGOR | 50300 | MALAYSIA |
| AT0002 | GERMAINE | WU | M | S | SPARK AIRWAYS | 2300.00 | 60 10-370 8199 | NO 28 JLN BUKI... | ALOR GAJAH | MELAKA | 78000 | MALAYSIA |
| AT0003 | TERRY | CREWS | M | J | PEAK AIRWAYS | 5000.00 | 60 14-400 5451 | NO. 37 JLN 11/... | KANGAR | PERLIS | 1609 | MALAYSIA |
| AT0004 | ULDREN | SOV | M | S | CORE AIRWAYS | 2800.00 | 60 18-823 4878 | 3 PLAZA MONT... | KUALA LUMPUR | SELANGOR | 50480 | MALAYSIA |
| AT0005 | ANA | BRAY | F | J | ECHO AIRLINE | 3500.00 | 60 11-8886 7458 | NO 26 JALAN S... | JOHOR BAHRU | JOHOR | 83200 | MALAYSIA |
| AT0006 | IKORA | REY | F | S | SPARK AIRWAYS | 5000.00 | 60 14-400 5453 | G 14 JLN PJS 10... | PETALING JAYA | SELANGOR | 46000 | MALAYSIA |
| AT0007 | ERIS | MORN | F | J | PEAK AIRWAYS | 3500.00 | 60 14-400 5453 | 24 PSN DESA PI... | LAHAT | PERAK | 31500 | MALAYSIA |
| AT0008 | WEI | NING | M | S | CORE AIRWAYS | 8000.00 | 60 11-8889 6067 | NO 19 JLN PAS... | JELUTONG | PENANG | 11600 | MALAYSIA |
| AT0009 | AMANDA | HOLLIDAY | F | J | ECHO AIRLINE | 5000.00 | 60 13-304 8840 | PT 0, JALAN TA... | IPOH | PERAK | 12605 | MALAYSIA |
| AT0010 | VALUS | TA AURC | F | J | SPARK AIRWAYS | 2000.00 | 60 11-8889 0311 | 2 10 LRG MEDA... | GEORGE TOWN | PENANG | 11700 | MALAYSIA |
| ▶* *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* |

### 2.2.4 CUSTOMER_T Table

| cust_id | cust_fname | cust_lname | cust_gender | cust_street | cust_city | cust_state | cust_postcode | cust_country |
|---------|-----------|-----------|-------------|-------------|-----------|------------|---------------|--------------|
| CU0001 | GERALD | ROMERO | M | 29 JLN RAJA M... | KUALA LUMPUR | SELANGOR | 40772 | MALAYSIA |
| CU0002 | PAR KING | NO | M | 27 LRG MEDAN... | GEORGE TOWN | PENANG | 10119 | MALAYSIA |
| CU0003 | WENDY | PATTON | F | 2 LADANG JER... | MALACCA CITY | MALACCA | 78201 | MALAYSIA |
| CU0004 | JULIET | PARHAM | F | NO 26 JALAN S... | JOHOR BAHRU | JOHOR | 86500 | MALAYSIA |
| CU0005 | ANED | JEWEL | F | NO. 36 JLN GE... | KOTA KINABALU | SABAH | 90399 | MALAYSIA |
| CU0006 | NARUTO | UZUMAKI | M | NO 14 JALAN S... | JOHOR BAHRU | JOHOR | 83200 | MALAYSIA |
| CU0007 | THONY | ROBERT | M | 331 JLN NARA | MALACCA CITY | MALACCA | 59521 | MALAYSIA |
| CU0008 | MARCO | POLO | M | NO. 30 JLN 11/... | KANGAR | PERLIS | 23145 | MALAYSIA |
| CU0009 | MARK | PAUL | M | 47 JLN OPERA | SHAH ALAM | SELANGOR | 63111 | MALAYSIA |
| CU0010 | HANDY | SON | M | 27 JLN BUNGA ... | KUALA TERENG... | TERANGGANU | 24200 | MALAYSIA |
| CU0011 | BARD | THOMSON | M | 140G JLN SATOK | KUCHING | SARAWAK | 72772 | MALAYSIA |
| CU0012 | HOMER | SIMPSON | M | 47 JLN 1/70C 1 ... | KUALA LUMPUR | SELANGOR | 50480 | MALAYSIA |
| ▶* *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* |

### 2.2.5 BOOKING_T Table

| book_id | book_state | book_date | book_date_de... | book_time_de... | book_date_arri... | book_class | book_price | book_status | book_paid | book_balance | cust_id | flt_number |
|---------|-----------|-----------|------------------|------------------|-------------------|------------|------------|-------------|-----------|--------------|---------|------------|
| BO0001 | TERENGGANU | 2021-03-31 | 2021-06-06 | 21:00:00 | 2021-06-06 | ECONOMY | 120.35 | BOOKED | 120.35 | 0.00 | CU0001 | FL0001 |
| BO0002 | PENANG | 2021-04-21 | 2021-05-30 | 13:50:00 | 2021-05-30 | ECONOMY | 220.50 | BOOKED | 220.50 | 0.00 | CU0002 | FL0002 |
| BO0003 | NEGERI SEMBIL... | 2021-04-19 | 2021-04-23 | 18:45:00 | 2021-04-23 | BUSINESS | 430.00 | SCRATCHED | 130.00 | 300.00 | CU0003 | FL0003 |
| BO0004 | JOHOR | 2021-04-01 | 2021-05-01 | 08:20:00 | 2021-05-01 | ECONOMY | 145.30 | BOOKED | 145.30 | 0.00 | CU0004 | FL0004 |
| BO0005 | KELANTAN | 2021-03-27 | 2021-03-30 | 11:10:00 | 2021-03-20 | BUSINESS | 455.00 | BOOKED | 455.00 | 0.00 | CU0005 | FL0005 |
| BO0006 | MALACCA | 2021-05-03 | 2021-05-10 | 12:00:00 | 2021-05-11 | ECONOMY | 189.90 | BOOKED | 189.90 | 0.00 | CU0006 | FL0006 |
| BO0007 | PAHANG | 2021-04-24 | 2021-05-03 | 01:20:00 | 2021-05-03 | ECONOMY | 212.85 | CANCELED | 212.85 | 0.00 | CU0007 | FL0007 |
| BO0008 | SELANGOR | 2021-03-14 | 2021-03-28 | 14:40:00 | 2021-03-28 | BUSINESS | 1100.00 | BOOKED | 400.00 | 700.00 | CU0008 | FL0008 |
| BO0009 | KEDAH | 2021-05-13 | 2021-05-15 | 23:50:00 | 2021-05-16 | BUSINESS | 480.00 | BOOKED | 480.00 | 0.00 | CU0009 | FL0009 |
| BO0010 | SARAWAK | 2021-04-29 | 2021-05-08 | 06:55:00 | 2021-05-08 | ECONOMY | 190.75 | CANCELED | 190.75 | 0.00 | CU0010 | FL0010 |
| * *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* | *NULL* |

## 2.2.6 CUSTOMER_PHONE _T Table

| | cust_id | cp_number |
|---|---|---|
| ▶ | CU0001 | 60 11-293 3394 |
| | CU0001 | 60 12-030 8038 |
| | CU0002 | 60 11-444 555 |
| | CU0003 | 60 14-9897 9695 |
| | CU0004 | 60 14-1112 2223 |
| | CU0005 | 60 11-098 7654 |
| | CU0006 | 60 12-123 4567 |
| | CU0006 | 60 18-288 3019 |
| | CU0007 | 60 16-2001 2002 |
| | CU0008 | 60 17-1938 1945 |
| | CU0009 | 60 19-8885 4643 |
| | CU0010 | 60 18-7676 2332 |
| * | NULL | NULL |

## 2.2.7 CUSTOMER_EMAIL_T Table

| | cust_id | ce_email |
|---|---|---|
| ▶ | CU0001 | gerald_r@gmail... |
| | CU0002 | lots@gmail.co... |
| | CU0002 | noparking@gm... |
| | CU0003 | wendypatton@... |
| | CU0004 | julietparham@... |
| | CU0005 | aned_jewel@g... |
| | CU0007 | thonyRob@gm... |
| | CU0008 | marcopolo@g... |
| | CU0008 | polopolo@gma... |
| | CU0009 | MarkP44@gma... |
| | CU0010 | HanSo34@gma... |
| | CU0011 | Bardthom1@g... |
| * | NULL | NULL |

## 2.2.8 FLIGHT_CONTROL_T Table

| flt_number | pil_id | fc_authority |
|---|---|---|
| FL0001 | P0001 | C |
| FL0001 | P0005 | O |
| FL0002 | P0002 | O |
| FL0002 | P0010 | C |
| FL0003 | P0003 | O |
| FL0003 | P0007 | C |
| FL0004 | P0004 | O |
| FL0004 | P0008 | C |
| FL0005 | P0001 | C |
| FL0005 | P0009 | O |
| NULL | NULL | NULL |

## 2.2.9 FLIGHT_SERVICE_T Table

| flt_number | att_id | fs_class |
|---|---|---|
| FL0001 | AT0001 | ECONOMY |
| FL0001 | AT0005 | ECONOMY |
| FL0001 | AT0009 | BUSINESS |
| FL0002 | AT0002 | ECONOMY |
| FL0002 | AT0006 | BUSINESS |
| FL0002 | AT0010 | ECONOMY |
| FL0003 | AT0001 | ECONOMY |
| FL0003 | AT0003 | BUSINESS |
| FL0004 | AT0001 | ECONOMY |
| FL0004 | AT0008 | BUSINESS |
| NULL | NULL | NULL |

## *3.3 - Question 2*

**Student 2** (David Wee Ming Junn TP062496)

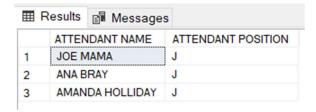1. Display customer's first name and last name who have made bookings.

**SQL DML Code**

```
SELECT c.cust_fname AS 'CUSTOMER FIRST NAME',
       c.cust_lname AS 'CUSTOMER LAST NAME'

FROM CUSTOMER_T c , BOOKING_T b
WHERE ( c.cust_id = b.cust_id )
```

**SQL Server Result**

| | CUSTOMER FIRST NAME | CUSTOMER LAST NAME |
|---|---|---|
| 1 | GERALD | ROMERO |
| 2 | PAR KING | NO |
| 3 | WENDY | PATTON |
| 4 | JULIET | PARHAM |
| 5 | ANED | JEWEL |
| 6 | NARUTO | UZUMAKI |
| 7 | THONY | ROBERT |
| 8 | MARCO | POLO |
| 9 | MARK | PAUL |
| 10 | HANDY | SON |

2. List flight attendant's full name and position who have worked in the same flight as a pilot named '*Mikael Tinnason*'.

**SQL DML Code**

```
SELECT a.att_fname + ' ' + a.att_lname AS 'ATTENDANT NAME',
                    a.att_position AS ' ATTENDANT POSITION'
FROM ATTENDANT_T a , FLIGHT_SERVICE_T fs
WHERE ( a.att_id = fs.att_id ) AND
      ( fs.flt_number IN ( SELECT fc.flt_number AS 'FLIGHT NUMBER'
                           FROM FLIGHT_CONTROL_T fc , PILOT_T p
                           WHERE ( fc.pil_id = p.pil_id ) AND
                                 ( ( p.pil_fname = 'MIKAEL' ) AND
                                   ( p.pil_lname = 'TINNASON' ) ) ) )
```

**SQL Server Result**

| | ATTENDANT NAME | ATTENDANT POSITION |
|---|---|---|
| 1 | JOE MAMA | J |
| 2 | ANA BRAY | J |
| 3 | AMANDA HOLLIDAY | J |

3.  List all customers who did not live in any of the airline offices located. Please display the customer first name, last name, and customer's state.

**SQL DML Code**

```
SELECT c.cust_fname AS 'CUSTOMER FIRST NAME',
       c.cust_lname AS 'CUSTOMER LAST NAME',
       c.cust_state AS 'CUSTOMER STATE'
FROM CUSTOMER_T c
WHERE ( NOT c.cust_state = 'PERAK' ) AND
      ( NOT c.cust_state = 'NEGERI SEMBILAN' ) AND
      ( NOT c.cust_state = 'PAHANG' ) AND
      ( NOT c.cust_state = 'SABAH' ) AND
      ( NOT c.cust_state = 'SARAWAK' ) AND
      ( NOT c.cust_state = 'SELANGOR' )
```

**SQL Server Result**

| | CUSTOMER FIRST NAME | CUSTOMER LAST NAME | CUSTOMER STATE |
|---|---|---|---|
| 1 | PAR KING | NO | PENANG |
| 2 | WENDY | PATTON | MALACCA |
| 3 | JULIET | PARHAM | JOHOR |
| 4 | NARUTO | UZUMAKI | JOHOR |
| 5 | THONY | ROBERT | MALACCA |
| 6 | MARCO | POLO | PERLIS |
| 7 | HANDY | SON | TERANGGANU |