

TRAVEL *Agency*



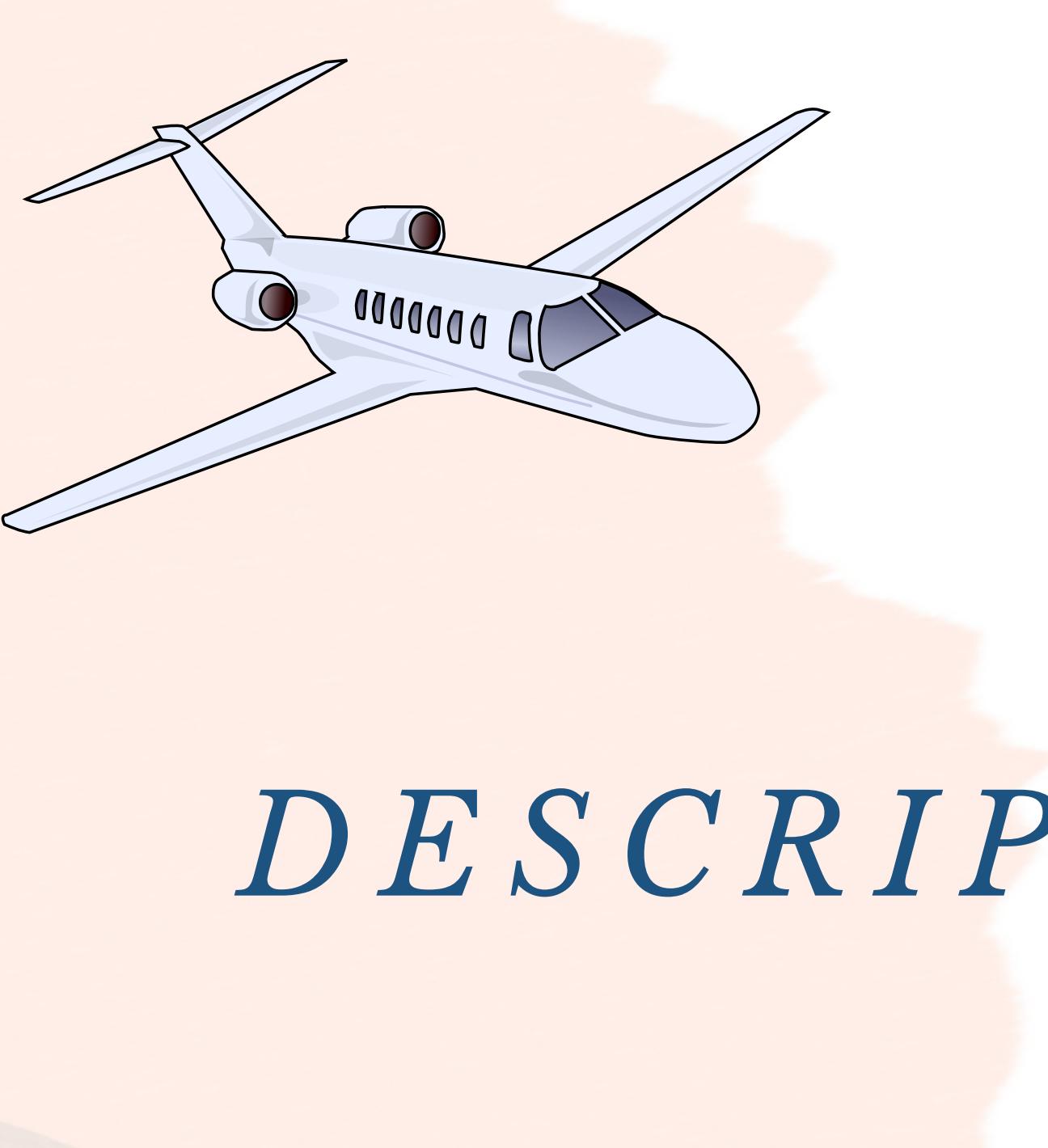


Phase 1

Travel

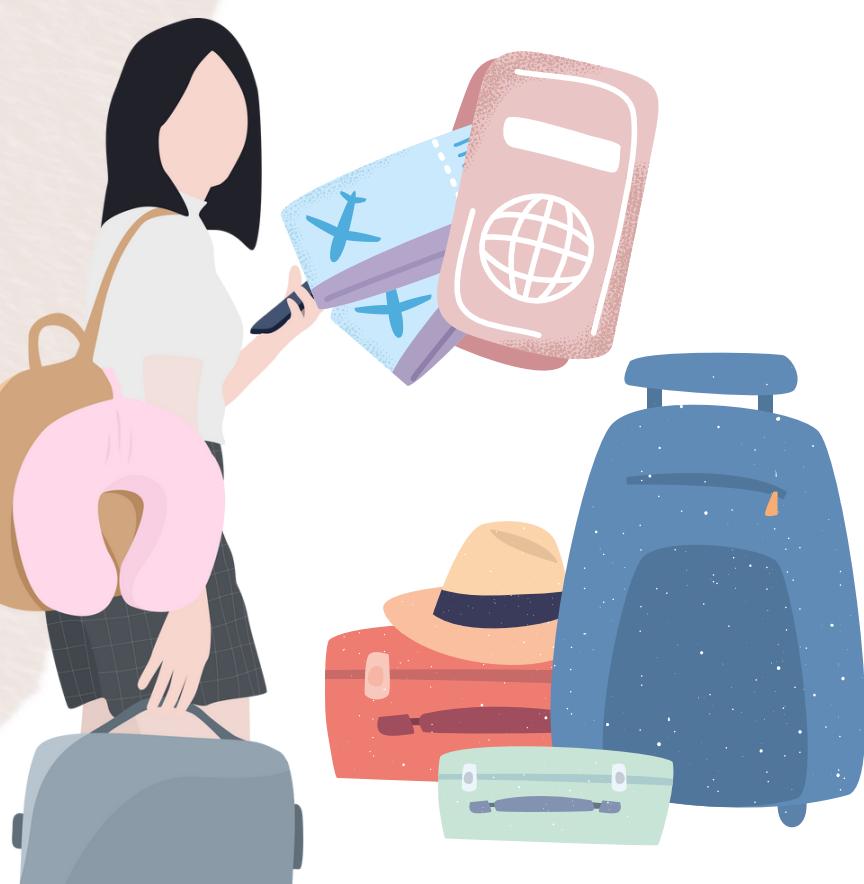
Agency

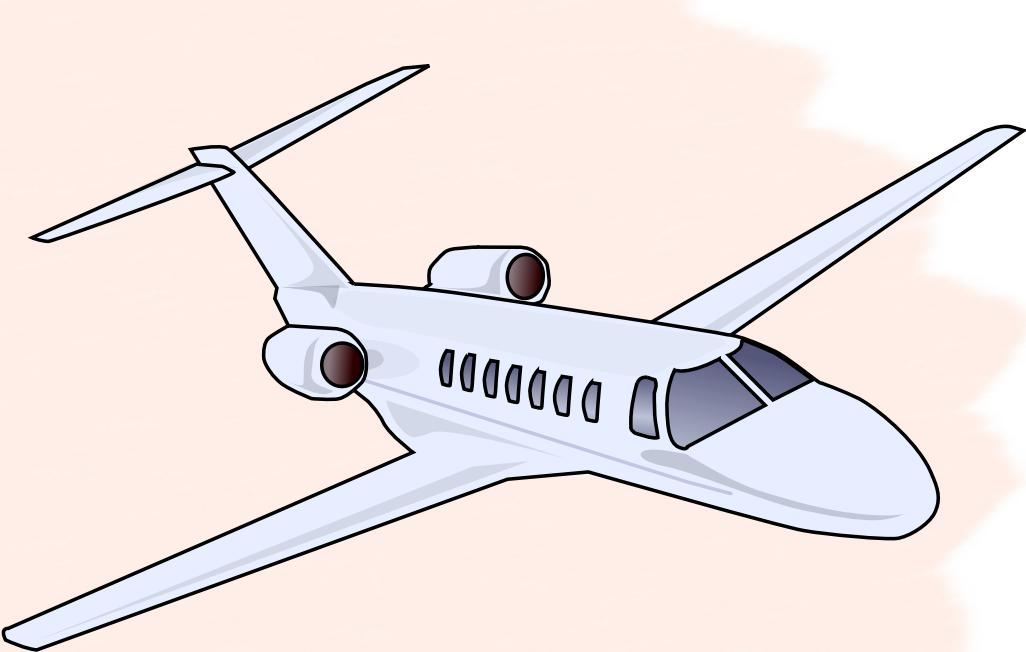




DESCRIPTION

OUR PROJECT REVOLVES AROUND THE APPLICATION OF THE TRAVEL AGENCY, AS IT ACTS AS AN INTERMEDIARY BETWEEN THE CUSTOMER AND THE AIRLINE COMPANY AND HAS MANY FEATURES AND SERVICES THAT WE WILL TALK ABOUT THROUGH THIS PROJECT



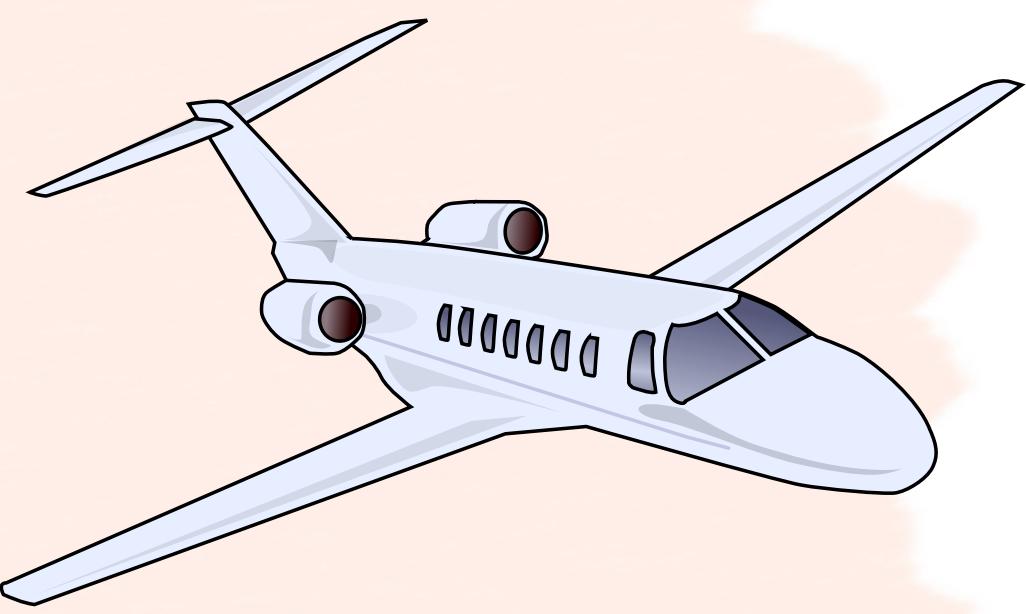


BUSINESS RULE

an employee manages one airline & each airline can be managed by one employee.

For seats each seat can have only one Customer that he/she has a birth-date, gender, phone, email, first name, first name and passport_no. each Services have an ID, service_name- .and price
For each customer that reserve both service and seat will have a date, total .price, and notes



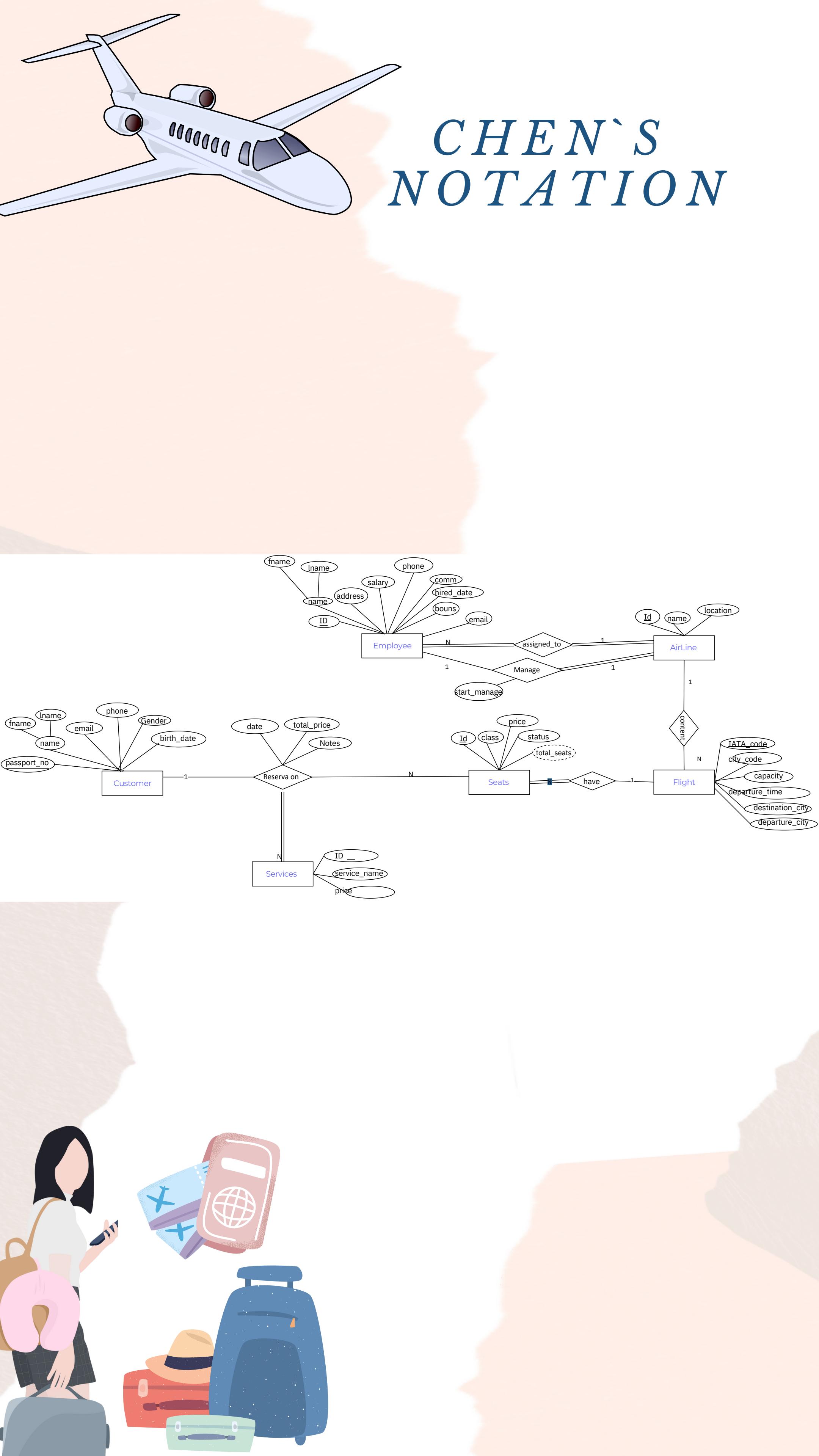


BUSINESS RULE

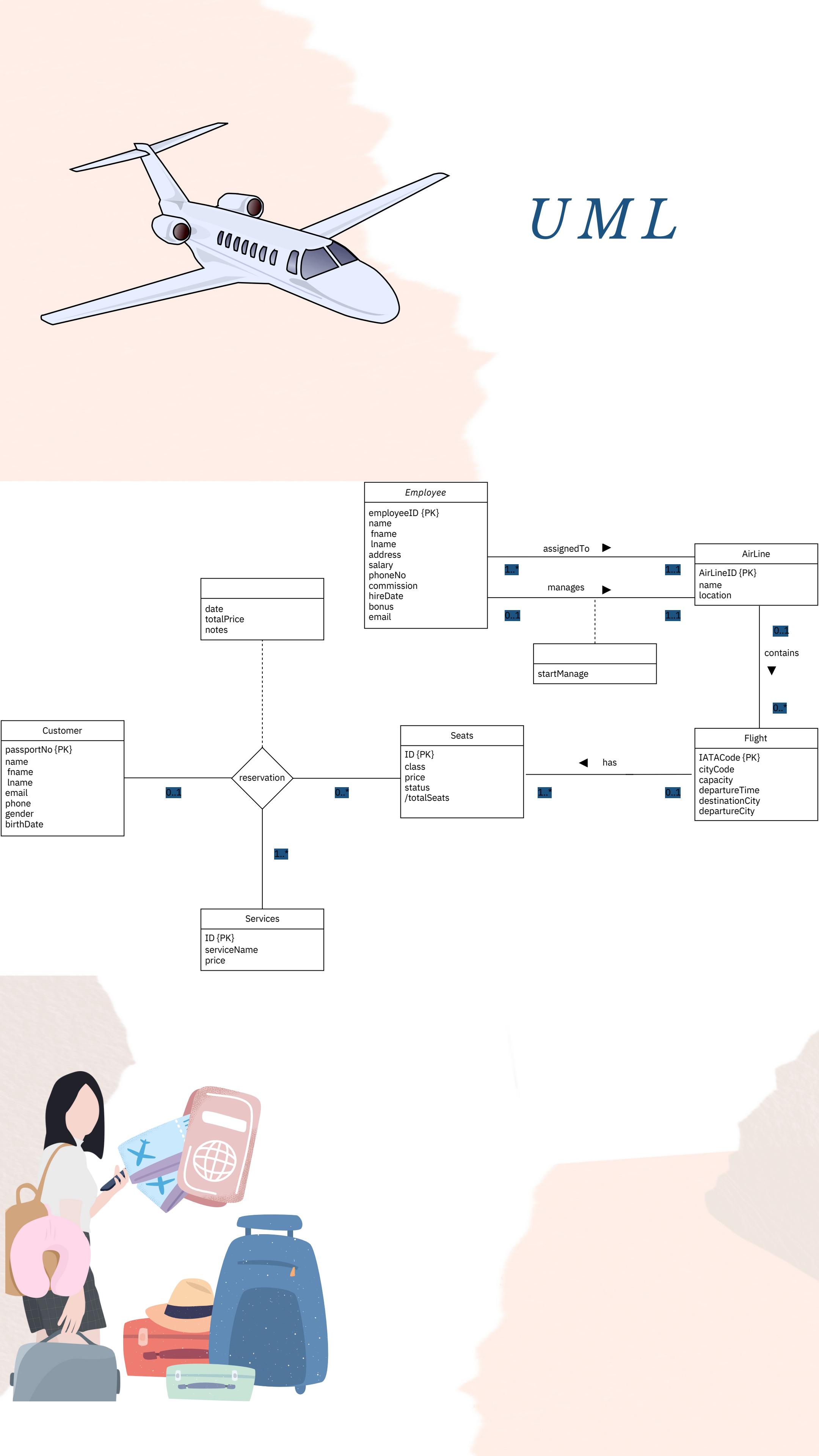
each Flight has IATA code, city code, capacity, departure time, destination city and departure city. For a flight it can have many seats. each Seat have an .ID, class, price, status and total_seats For an employee he/she can mange one AirLine that has an id, name and location. - each Employee has an email, bouns, hired date, commission, phone, salary, .address, ID, first name and last name For each employee that manages AilLine will have a start Manage

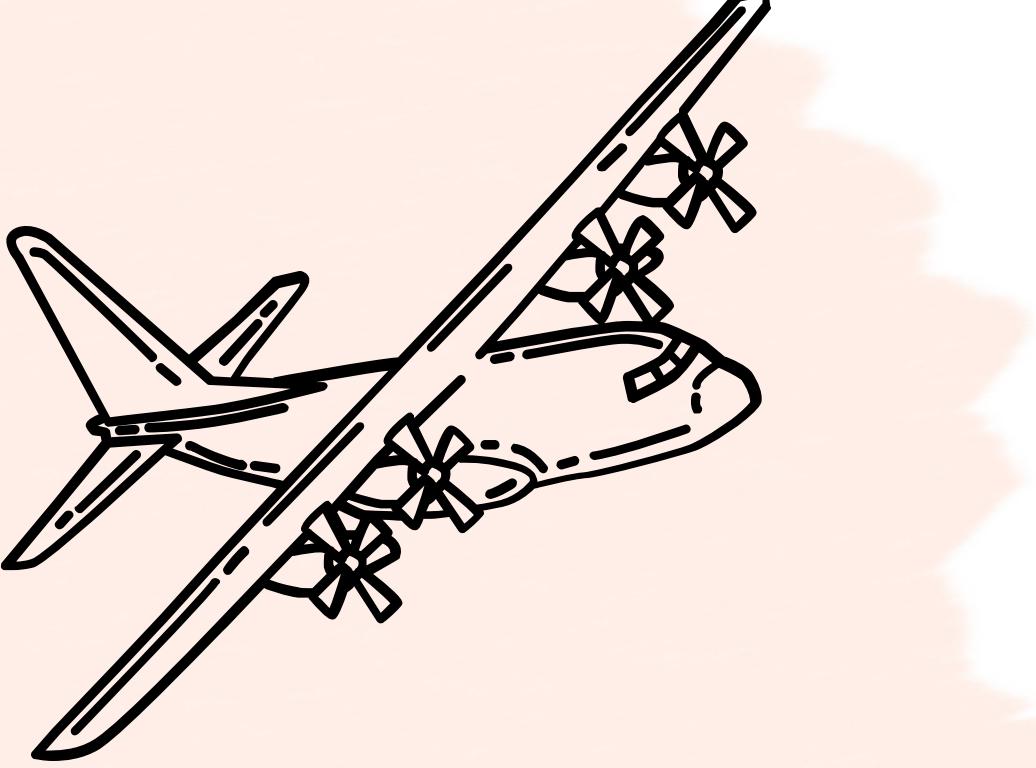


CHEN`S NOTATION



UML

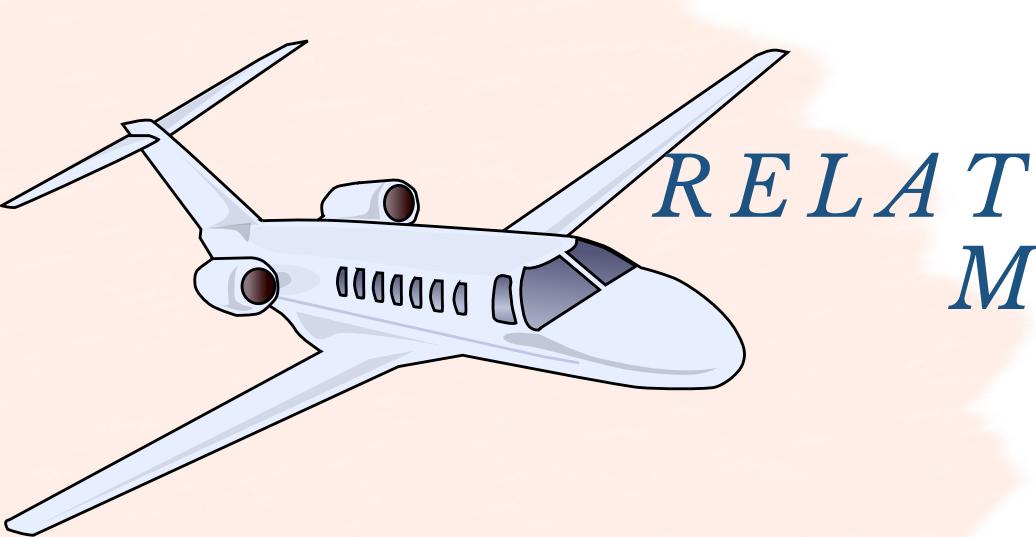




Phase 2

P





RELATION SCHEMA MAPPING

STEP 1: Mapping of Regular Entity Types.

Customer

<u>passport_no</u>	fName	lName	email	phone	Gender	birth_date
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Services

<u>ID</u>	service_name	price
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Seats

<u>ID</u>	class	price	status
-----------	-------	-------	--------

Flight

<u>IATA_code</u>	city_code	capacity	departure_time	destination_city	departure_city
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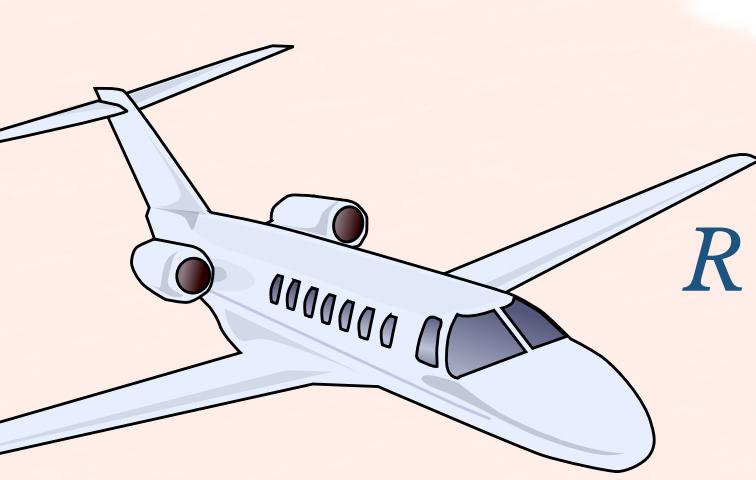
AirLine

<u>ID</u>	name	location
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Employee

<u>ID</u>	fName	lName	address	salary	phone	comm	hired_date	bouns	email
-----------	-------	-------	---------	--------	-------	------	------------	-------	-------



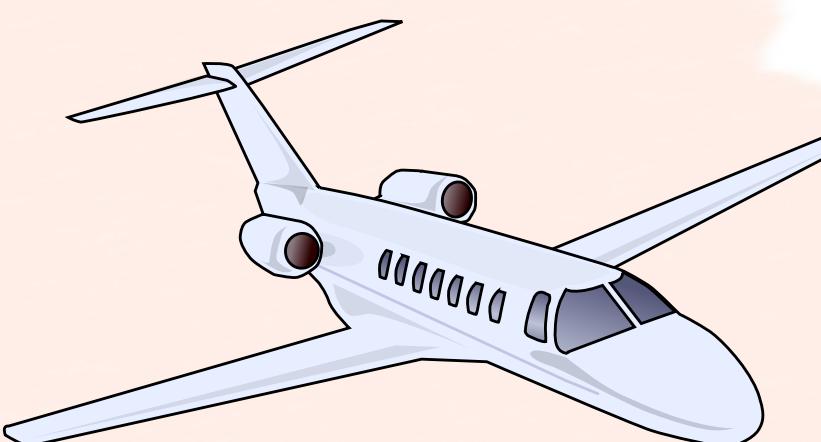


RELATION SCHEMA MAPPING

STEP 2: Mapping of Weak Entity Types into Relation.

NONE.





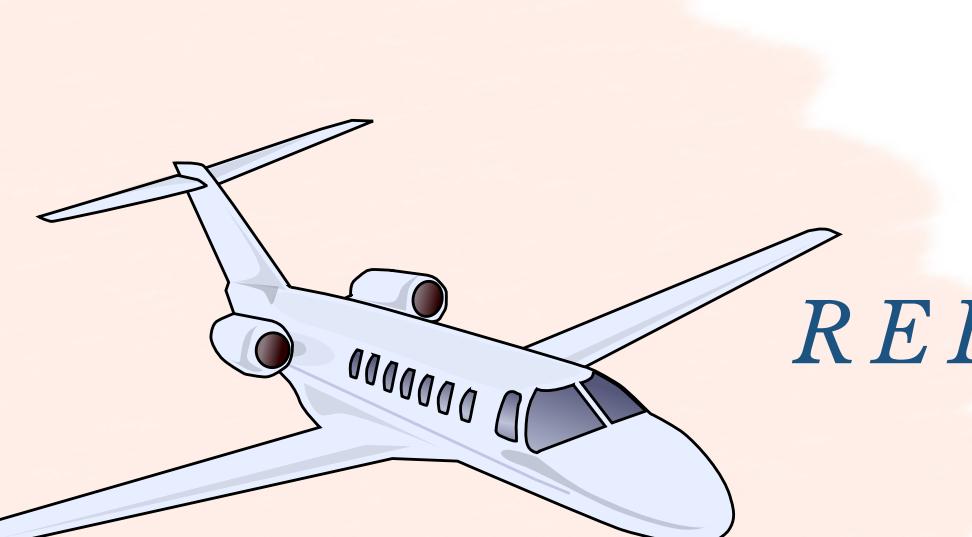
RELATION SCHEMA MAPPING

STEP 3: Mapping of Binary 1:1 Relationship Type.

Relationship: Assigned to (Employee & AirLine)

AirLine:

ID	name	location	ID_EP	start_manage
			Employee (ID)	



RELATION SCHEMA MAPPING

STEP 4: Mapping of Binary 1:N Relationship Types .

Relationship: Assigned to (Employee & AirLine)

Employee

ID	fName	lName	address	salary	phone	comm	hired_date	bouns	email	ID_AL
										AirLine(ID)

Relationship: content (Flight & AirLine)

Flight

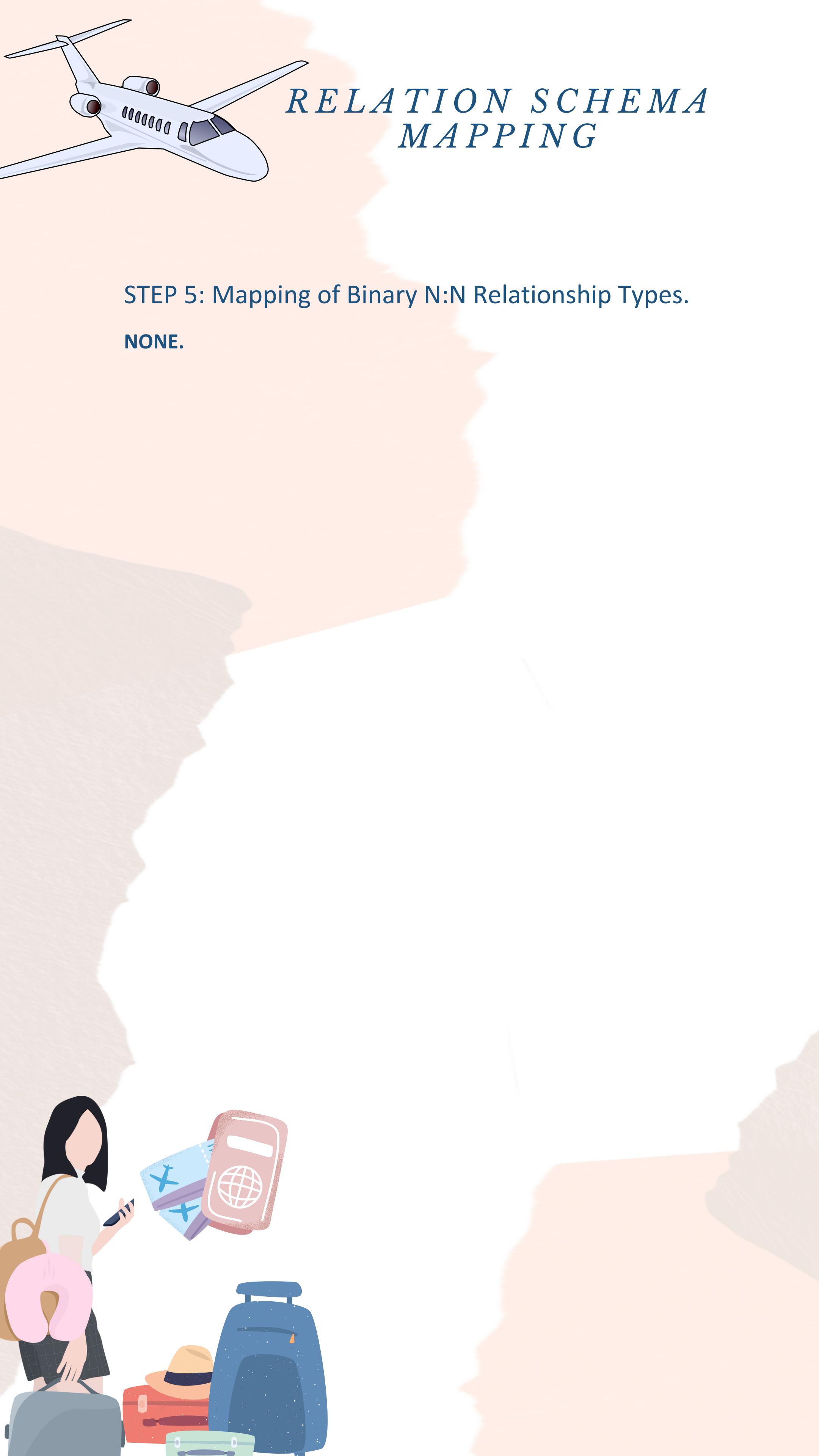
IATA_code	city_code	capacity	departure_time	destination_city	departure_city	ID_AL
						AirLine(ID)

Relationship: have (Flight & Seats)

Seats

ID	class	price	status	IATA_code
				Flight(IATA_code)





RELATION SCHEMA MAPPING

STEP 5: Mapping of Binary N:N Relationship Types.

NONE.

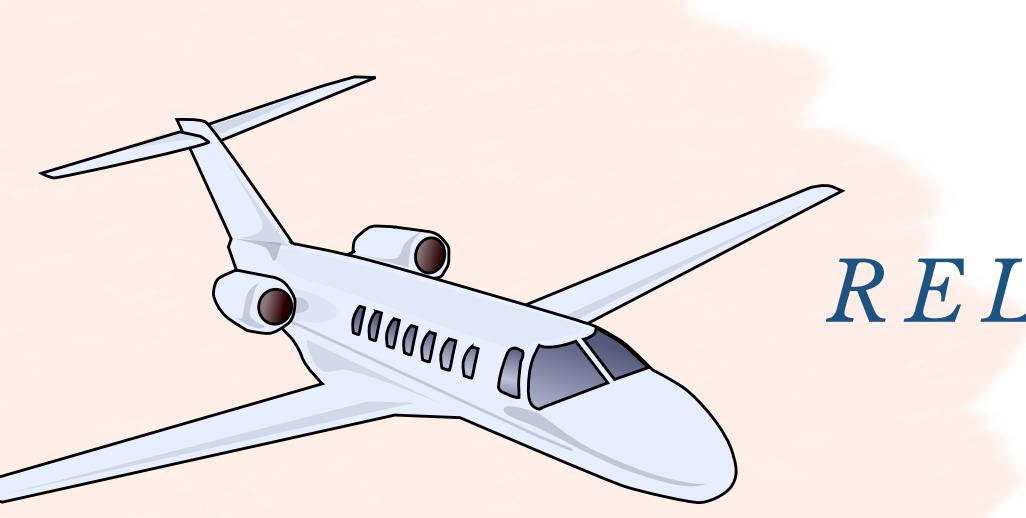


RELATION SCHEMA MAPPING

STEP 6: Mapping of Multivalued attributes .

NONE.





RELATION SCHEMA MAPPING

STEP 7: Mapping of N-ary Relationship Types.

Relationship: Reserva _on(Seats& Services& Customer)

Reserva _on

<u>passport_no</u>	<u>Serv_ID</u>	<u>St_ID</u>	date	total_price	Notes
Customer (passport_no)	Services (ID)	Seats (ID)			



FINAL MAPPING

Customer

<u>passport_no</u>	fName	IName	email	phone	Gender	birth_date
--------------------	-------	-------	-------	-------	--------	------------

Services

<u>ID</u>	service_name	price
-----------	--------------	-------

Seats

<u>ID</u>	class	price	status	IATA_code
-----------	-------	-------	--------	-----------

Flight

<u>IATA_code</u>	city_code	capacity	departure_time	destination_city	departure_city	ID_AL
------------------	-----------	----------	----------------	------------------	----------------	-------

AirLine

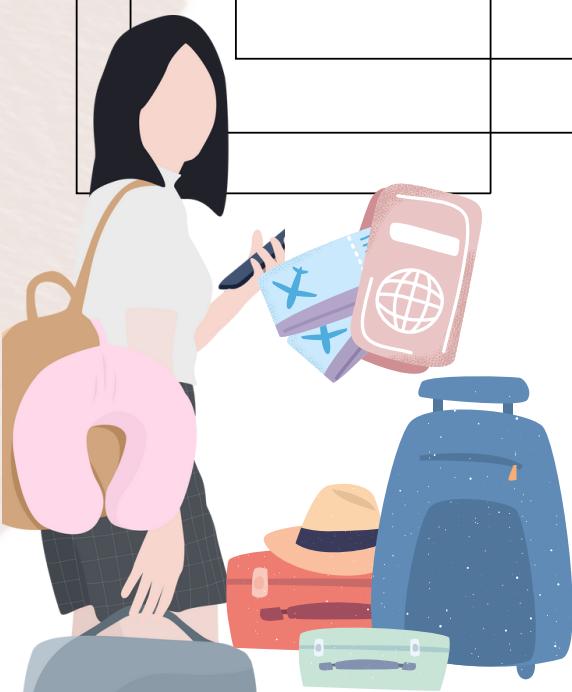
<u>ID</u>	name	location	ID_EP	start_manage
-----------	------	----------	-------	--------------

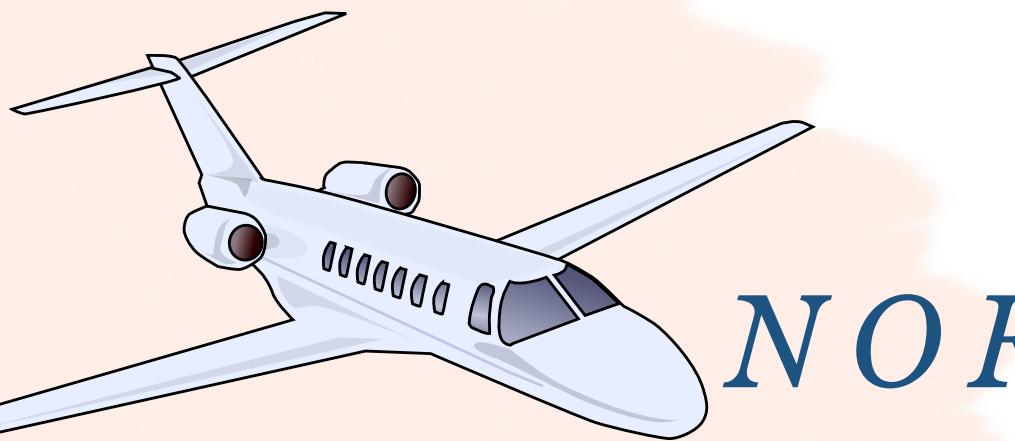
Employee

<u>ID</u>	fName	IName	address	salary	phone	comm	hired_date	bouns	email	ID_AL
-----------	-------	-------	---------	--------	-------	------	------------	-------	-------	-------

Reserva_on

<u>passport_no</u>	<u>Serv_ID</u>	<u>St_ID</u>	date	total_price	Notes
--------------------	----------------	--------------	------	-------------	-------





NORMALIZATION

Customer

passport_no	fName	IName	email	phone	Gender	birth_date
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The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

Services

ID	service_name	service_name
----	--------------	--------------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

Seats

ID	class	price	status	IATA_code
----	-------	-------	--------	-----------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

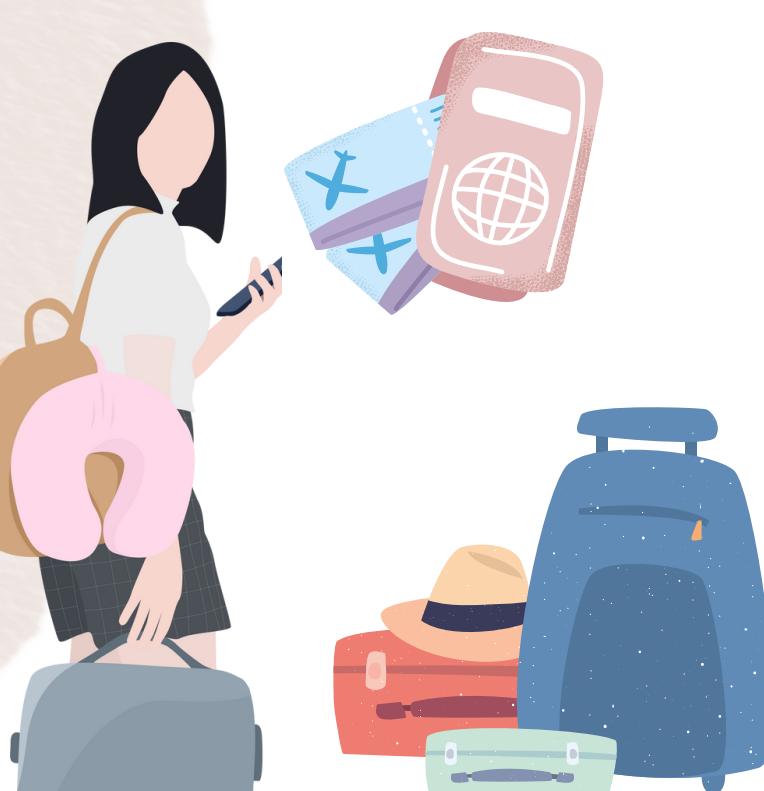
Flight

IATA_code	city_code	capacity	departure_time	destination_city	departure_city	ID_AL
-----------	-----------	----------	----------------	------------------	----------------	-------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.



NORMALIZATION

AirLine

<u>ID</u>	name	location	ID_EP	start_manage
-----------	------	----------	-------	--------------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

Employe

<u>ID</u>	fName	lName	address	salary	phone	comm	hire_date	bon us	email	ID_AL
-----------	-------	-------	---------	--------	-------	------	-----------	--------	-------	-------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups. The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

Reserva_on

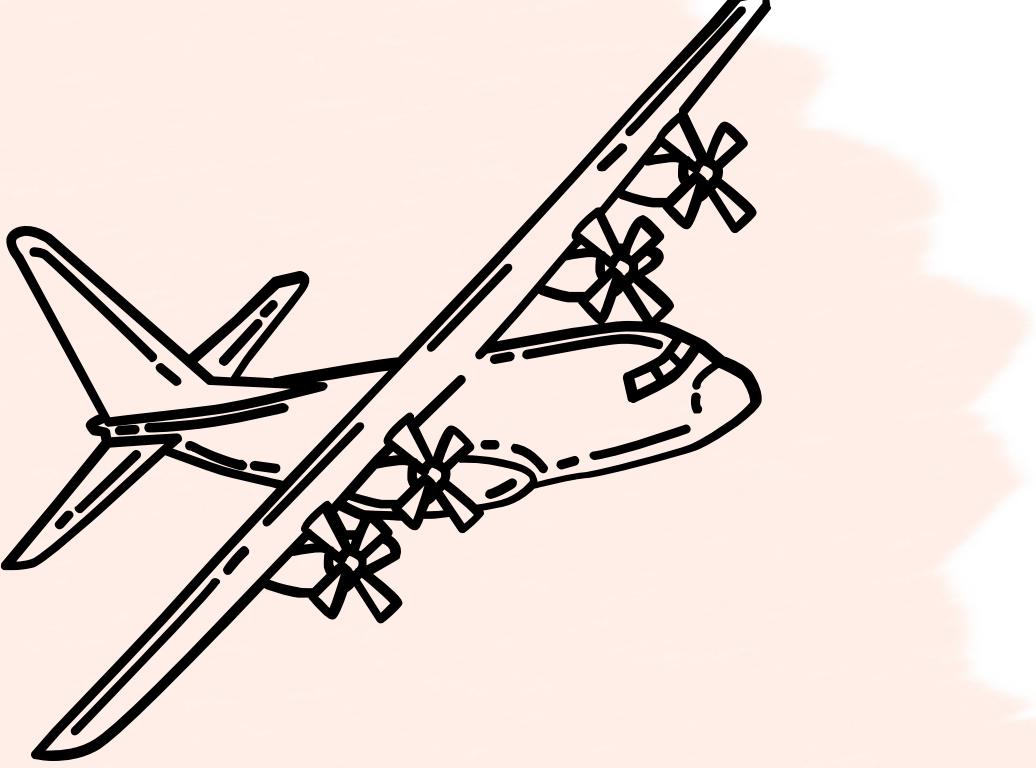
<u>passport_no</u>	<u>Serv_ID</u>	<u>St_ID</u>	date	total_price	Notes
--------------------	----------------	--------------	------	-------------	-------

The table in the first normal form (1NF): There is No Multivalued Attributes and No Repeating Groups.

The table in the second normal form (2NF): There is No Partial Dependecy.

The table in the third normal form (3NF): There is No Transitive Dependency.

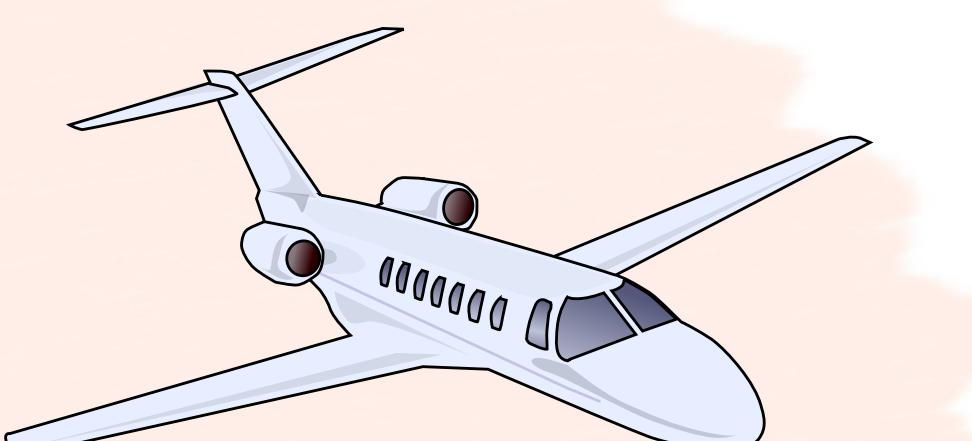




Phase 3

P



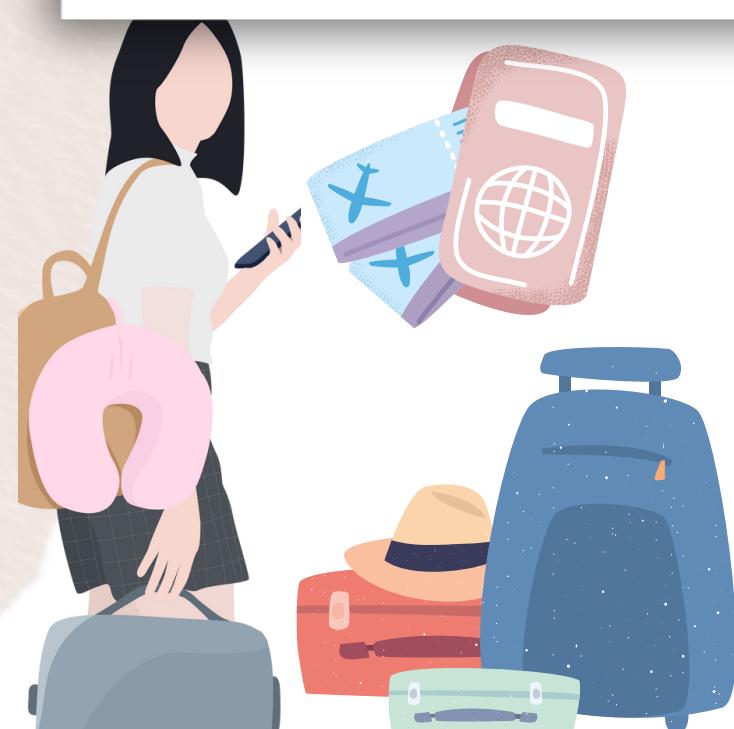


CREATE , SCHMA , TABLE

```
1   -- -----
2 •  create schema `Travel_Agency` ; --
3   --
4 •  CREATE TABLE `Customer`(
5     `passport_no` DECIMAL(9) NOT NULL,
6     `fName` varchar(50) NOT NULL,
7     `lName` varchar(50) NOT NULL ,
8     `email` varchar(50) NOT NULL ,
9     `phone` DECIMAL(15) NOT NULL,
10    `Gender` varchar(50) CHECK(Gender IN('Male','Female')),
11    `birth_date` varchar(50) NOT NULL,
12    constraint Customer_PK primary Key(passport_no));
13
```

```
33   --
34 •  CREATE TABLE `Services` (
35     `ID` DECIMAL(7) NOT NULL,
36     `service_name` varchar(50) NOT NULL ,
37     `price` varchar(50) ,
38     constraint Services_PK primary Key(ID)
39 );
```

```
56   --
57 •  CREATE TABLE Seats (
58     ID varchar(5) NOT NULL,
59     class char(5) NOT NULL,
60     price DECIMAL(7) ,
61     status varchar(50) CHECK(status IN('Available','Reserved')),
62     IATA_code varchar(50),
63     CONSTRAINT Seats_PK PRIMARY KEY(ID),
64     CONSTRAINT Seats_FK FOREIGN KEY(IATA_code) REFERENCES Flight(IATA_code) ON DELETE CASCADE ON UPDATE CASCADE
65   );
66
```



```
89   --
90 •  CREATE TABLE `flight` (
91     `IATA_code` VARCHAR(50) NOT NULL,
92     `city_code` VARCHAR(50),
93     `capacity` DECIMAL(4),
94     `departure_time` VARCHAR(10),
95     `destination_city` VARCHAR(50),
96     `departure_city` VARCHAR(50),
97     `ID_AL` DECIMAL(50) NOT NULL,
98     CONSTRAINT flight_Pk PRIMARY KEY (IATA_code),
99     CONSTRAINT flight_FK FOREIGN KEY (`ID_AL`)
100    REFERENCES `AirLine` (ID) ON DELETE CASCADE ON UPDATE CASCADE
101  );
```



CREATE , SCHMA , TABLE

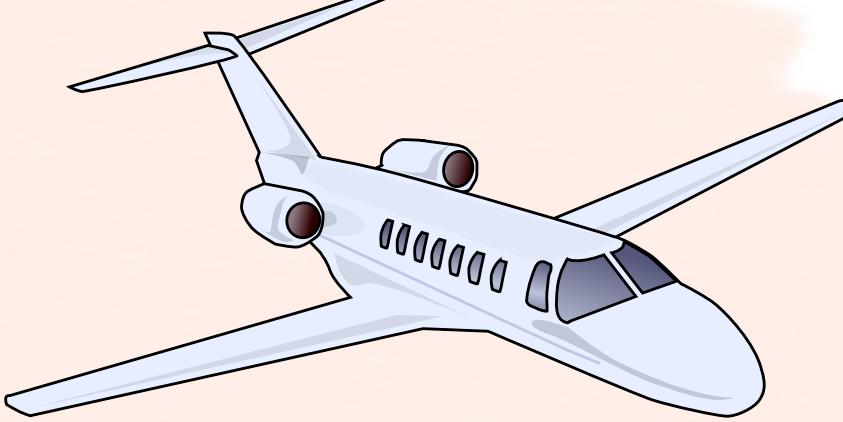
```
130      -- -----
131 • Ⓜ CREATE TABLE AirLine (
132     ID DECIMAL(50) PRIMARY KEY,
133     name VARCHAR(50),
134     location VARCHAR(50),
135     ID_EP DECIMAL(50),
136     start_manage DATE
137 );
138
```

```
220      -- -----
221 • Ⓜ create table Reserva_On(
222     Passport_No DECIMAL(9)not null,
223     serv_ID DECIMAL(7)not null,
224     St_ID VARCHAR(5)not null,
225     Date Date,
226     total_price DECIMAL(7,2),
227     Note varchar(50),
228     constraint Reserva_OnPK primary Key (Passport_No,serv_ID,St_ID),
229     constraint Reserva_OnFK1 foreign key (Passport_No) references Customer (passport_no) ON DELETE cascade ON UPDATE CASCADE,
230     constraint Reserva_OnFK2 foreign key (serv_ID) references services (ID) ON DELETE cascade ON UPDATE CASCADE ,
231     constraint Reserva_OnFK3 foreign key (St_ID) references seats (ID) ON DELETE cascade ON UPDATE CASCADE );
232
```

```
184      -- -----
185 • Ⓜ CREATE TABLE `Employee`(
186     `Employee_ID` DECIMAL(50) NOT NULL,
187     `fName` varchar(50) NOT NULL,
188     `lName` varchar(50) NOT NULL ,
189     `address` varchar(50) NOT NULL ,
190     `salary` DECIMAL(7,2) NOT NULL,
191     `phone_No` DECIMAL(15)Not null,
192     `commission` varchar(50),
193     `hireDate` VARCHAR(11) NOT NULL,
194     `bonus` DECIMAL(50) ,
195     `email` varchar(50) NOT NULL,
196     `ID_AL` DECIMAL(50) NOT NULL,
197     constraint Employee_PK primary Key(Employee_ID),
198     constraint Employee_FK foreign key (`ID_AL`) references AirLine(ID) ON DELETE cascade ON UPDATE CASCADE
199 );
```



INSERT



```

13
14 •   INSERT INTO Customer (passport_no, fname, lname, email, phone, Gender, birth_date) VALUES
15     (12263678, 'Abdullah', 'Al Otaibi', 'abdullah5543@gmail.com', 966543948775, 'Male', '2000-04-17'),
16     (23456789, 'Jane', 'Doe', 'janedoe@gmail.com', 00922345678901, 'Female', '1991-01-11'),
17     (34567890, 'Hamd', 'Al heseni', 'Hamd_hesen@gmail.com', 0097134567890, 'Male', '1985-10-23'),
18     (45678901, 'Alice', 'Johnson', 'alicejohnson@gmail.com', 442078917866, 'Female', '2000-12-06'),
19     (12433571, 'Amera', 'Al hazmi', 'Amera1ahazmi@gmail.com', 00966567890123, 'Female', '2000-12-06');
20
21
22 Select *
23 From customer;
  
```

	passport_no	fname	lname	email	phone	Gender	birth_date
▶	12263678	Abdullah	Al Otaibi	abdullah5543@gmail.com	966543948775	Male	2000-04-17
	12433571	Amera	Al hazmi	Amera1ahazmi@gmail.com	966567890123	Female	2000-12-06
	34567890	Hamd	Al heseni	Hamd_hesen@gmail.com	97134567890	Male	1985-10-23
	45678901	Alice	Johnson	alicejohnson@gmail.com	442078917866	Female	2000-12-06
	63729264	Farah	Hamdi	Farahh1233@gmail.com	20068901600	Female	2002-07-20
*	HULL	HULL	HULL	HULL	HULL	HULL	HULL



```

45 •   INSERT INTO Services (ID, service_name, price) VALUES
46     (1, 'Healthy food', '100'),
47     (2, 'Vegetarian food', '150'),
48     (3, 'Keto meal', '120'),
49     (4, 'extra weight', '200'),
50     (5, 'carry bags', '60'),
51     (6, 'Delivery to the hotel', '80');
52
53
54 select*
55 from `Services`;
  
```

	ID	service_name	price
▶	1	Healthy food	100
	2	Vegetarian food	150
	3	Keto meal	120
	4	extra weight	200
	5	carry bags	60
	6	Delivery to the hotel	80
*	HULL	HULL	HULL



```

113 •   INSERT INTO flight (IATA_code, city_code, capacity, departure_time,
114     destination_city, departure_city, ID_AL)
115     VALUES ('AMS-BER', 'AMS', 798, '22:15:00', 'Amesterdam', 'berlin', 1),
116     ('JED-KWI', 'JED', 1000, '09:45:00', 'Jeddah', 'Kuwait', 2),
117     ('IST-TBS', 'IST', 234, '16:30:00', 'Istanbul', 'Tbilisi', 5),
118     ('AMS-GVA', 'AMS', 150, '02:25:00', 'Amesterdam', 'Geneva', 4),
119     ('BGY-OMO', 'BGY', 489, '11:42:00', 'Milan', 'Mostar', 5),
120     ('RUH-MEL', 'RUH', 190, '06:55:00', 'Riyadh', 'Melbourne', 4),
121     ('AMS-TBS', 'AMS', 100, '12:00:00', 'Amsterdam', 'Tbilisi', 3)
122
123
124 select *
125 from flight;
  
```

	IATA_code	city_code	capacity	departure_time	destination_city	departure_city	ID_AL
▶	AMS-BER	AMS	798	22:15:00	Amesterdam	berlin	1
	AMS-GVA	AMS	150	02:25:00	Amesterdam	Geneva	4
	AMS-TBS	AMS	100	12:00:00	Amsterdam	Tbilisi	3
	BGY-OMO	BGY	489	11:42:00	Milan	Mostar	5
	IST-TBS	IST	234	16:30:00	Istanbul	Tbilisi	5
	JED-KWI	JED	1000	09:45:00	Jeddah	Kuwait	2
*	HULL	HULL	HULL	HULL	HULL	HULL	HULL



```

74 •   INSERT INTO Seats (ID, class, price, status, IATA_code) VALUES
75     ('AA1', 'A', 2450, 'Available', 'AMS-BER'), -- A class->First class.
76     ('CJ15', 'C', 1900, 'Reserved', 'AMS-GVA'), -- C class->Business class.
77     ('AD3', 'A', 1900, 'Reserved', 'BGY-OMO'),
78     ('YB30', 'Y', 1200, 'Available', 'RUH-MEL'), -- Y class->Premium Economy class.
79     ('BL40', 'B', 900, 'Reserved', 'IST-TBS'), -- B class-> Economy class.
80     ('YK34', 'Y', 1200, 'Available', 'JED-KWI');
81
82
83 select *
84 from seats;
  
```

	ID	class	price	status	IATA_code
▶	AA1	A	2450	Reserved	AMS-BER
	AD3	A	1900	Reserved	BGY-OMO
	BL40	B	900	Reserved	IST-TBS
	CJ15	C	1900	Reserved	AMS-GVA
	YK34	Y	1200	Reserved	JED-KWI
*	HULL	HULL	HULL	HULL	HULL

INSERT

211 • `INSERT INTO Employee (Employee_ID, fName, lName, address, salary, phone_No, commission, hireDate, bonus, email, ID_AL) VALUES`
 212 (5437, 'Mohammed', 'Al Qahtani', 'Jeddah', '5300', '009665488748765', '%5', '9-8-1998', '0', 'mQathani5543@gmail.com', 1),
 213 (5432, 'jhone', 'Hider', 'Bangkuk', '4800', '009665857264857', '%5', '29-6-1991', '8', 'jhone3@gmail.com', 2),
 214 (4828, 'Sedra', 'Al Ali', 'Makkah', '5300', '0096655674120472', '%2', '16-12-2000', '12', 'sedra21@gmail.com', 3),
 215 (2599, 'Maha', 'Al Ansari', 'yunbu', '5000', '009665663452889', '%8', '23-2-1995', '2', 'mansari4@gmail.com', 4),
 216 (3267, 'Ahmed', 'rashed', 'Jeddah', '4750', '00966555573256', '%0', '14-8-1997', '55', 'ahmed66@gmail.com', 5);
`select *`
`From Employee;`

	Employee_ID	fName	lName	address	salary	phone_No	commission	hireDate	bonus	email	ID_AL
▶	3267	Ahmed	rashed	Jeddah	4750.00	966555573256	%0	14-8-1997	55	ahmed66@gmail.com	5
	4828	Sedra	Al Ali	Makkah	5300.00	9665674120472	%2	16-12-2000	12	sedra21@gmail.com	3
	5432	jhone	Hider	Bangkuk	4800.00	9665857264857	%5	29-6-1991	8	jhone3@gmail.com	2
*	5437	Mohammed	Al Qahtani	Jeddah	5300.00	9665488748765	%5	9-8-1998	0	mQathani5543@gmail.com	1
	NUL	NUL	NUL	NUL	NUL	NUL	NUL	NUL	NUL	NUL	NUL

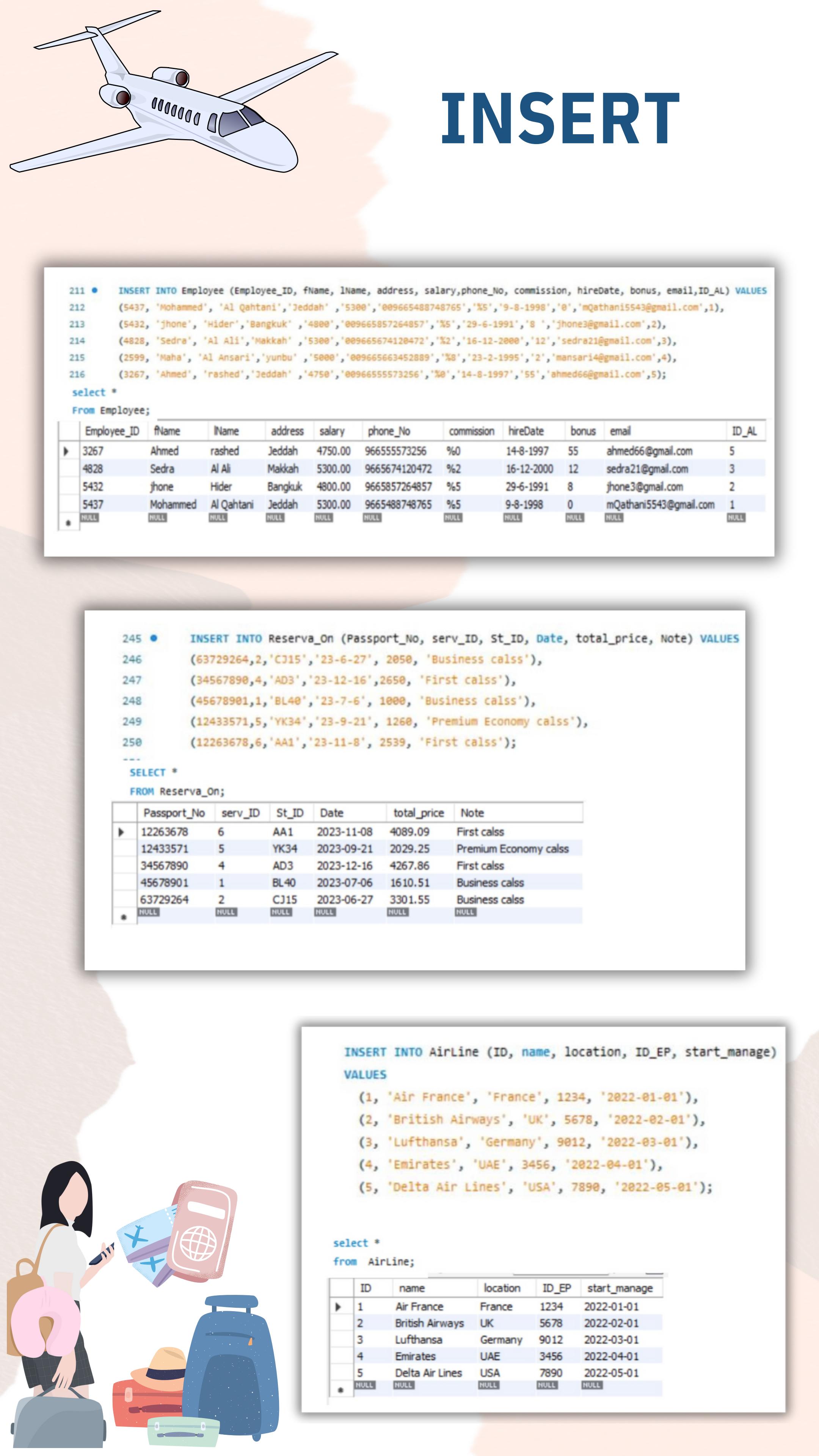
245 • `INSERT INTO Reserva_On (Passport_No, serv_ID, St_ID, Date, total_price, Note) VALUES`
 246 (63729264, 2, 'CJ15', '23-6-27', 2050, 'Business calss'),
 247 (34567890, 4, 'AD3', '23-12-16', 2650, 'First calss'),
 248 (45678901, 1, 'BL40', '23-7-6', 1000, 'Business calss'),
 249 (12433571, 5, 'YK34', '23-9-21', 1260, 'Premium Economy calss'),
 250 (12263678, 6, 'AA1', '23-11-8', 2539, 'First calss');
`---`
`SELECT *`
`FROM Reserva_On;`

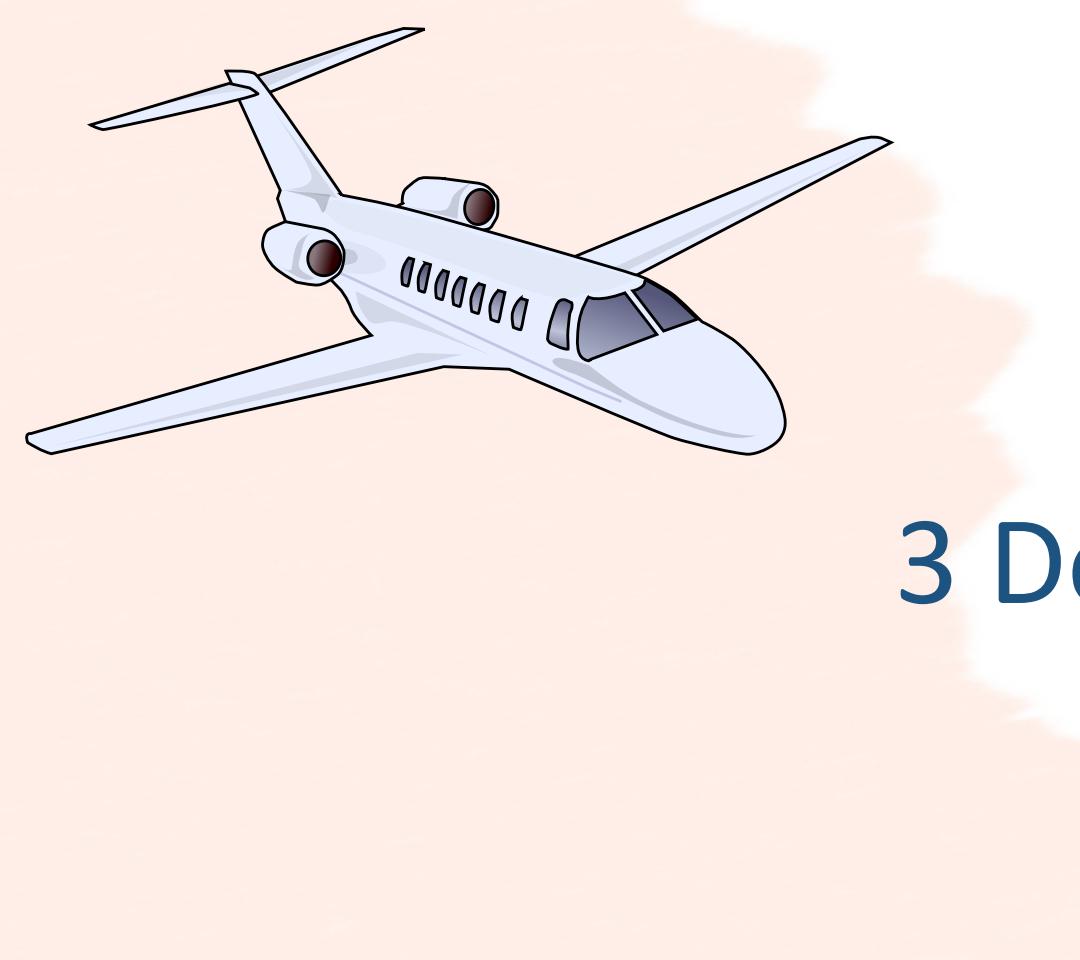
	Passport_No	serv_ID	St_ID	Date	total_price	Note
▶	12263678	6	AA1	2023-11-08	4089.09	First calss
	12433571	5	YK34	2023-09-21	2029.25	Premium Economy calss
	34567890	4	AD3	2023-12-16	4267.86	First calss
	45678901	1	BL40	2023-07-06	1610.51	Business calss
*	63729264	2	CJ15	2023-06-27	3301.55	Business calss
	NUL	NUL	NUL	NUL	NUL	NUL

`INSERT INTO AirLine (ID, name, location, ID_EP, start_manage) VALUES`
 (1, 'Air France', 'France', 1234, '2022-01-01'),
 (2, 'British Airways', 'UK', 5678, '2022-02-01'),
 (3, 'Lufthansa', 'Germany', 9012, '2022-03-01'),
 (4, 'Emirates', 'UAE', 3456, '2022-04-01'),
 (5, 'Delta Air Lines', 'USA', 7890, '2022-05-01');

`select *`
`from AirLine;`

	ID	name	location	ID_EP	start_manage
▶	1	Air France	France	1234	2022-01-01
	2	British Airways	UK	5678	2022-02-01
	3	Lufthansa	Germany	9012	2022-03-01
	4	Emirates	UAE	3456	2022-04-01
*	5	Delta Air Lines	USA	7890	2022-05-01
	NUL	NUL	NUL	NUL	NUL





DELETE

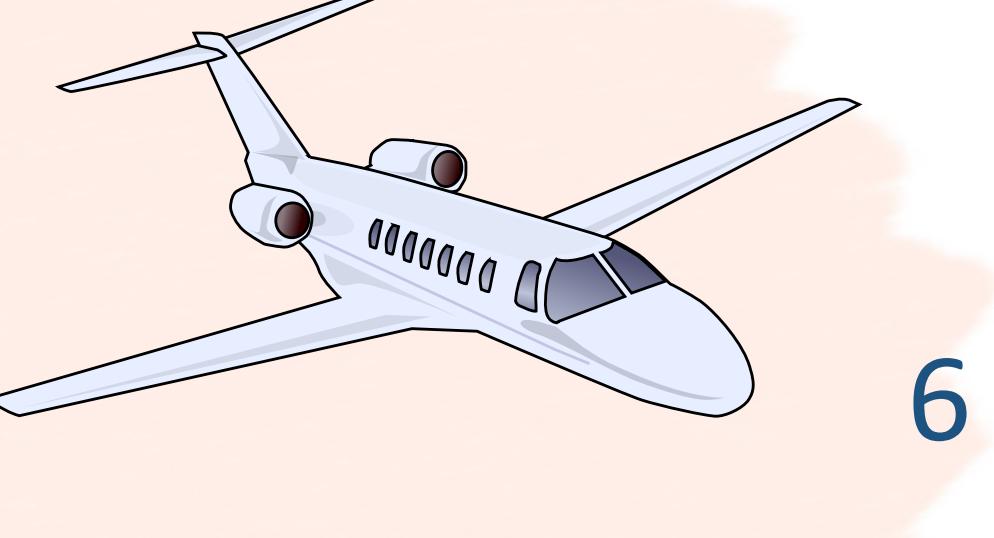
3 Delete Operations

```
25 • DELETE FROM flight  
26 WHERE IATA_code = 'RUH-MEL';
```

```
223 • DELETE FROM Employee  
224 where Employee_ID=2599;
```

- **DELETE FROM Customer**
where passport_no=23456789;





UPDATE

6 Update Operations

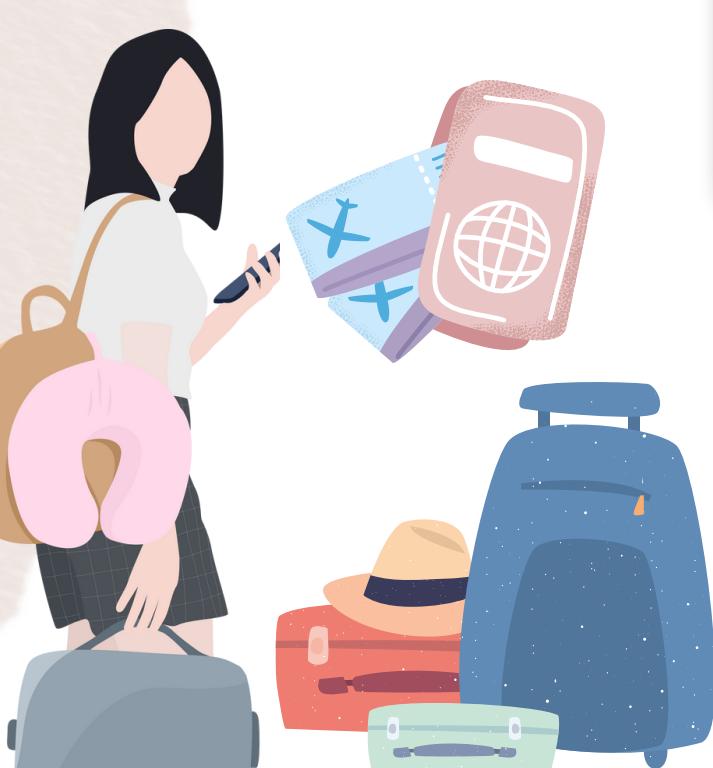
```
85 • UPDATE Seats  
86     SET `status`='Reserved'  
87     where `status`='Available'  
88     AND `ID`='YK34';
```

```
250 • UPDATE Reserva_On -- CALCULATE TAX  
251     SET `total_price` = total_price + total_price*0.1  
252     WHERE `total_price`>0  
253     AND `Passport_No`>0 ;
```

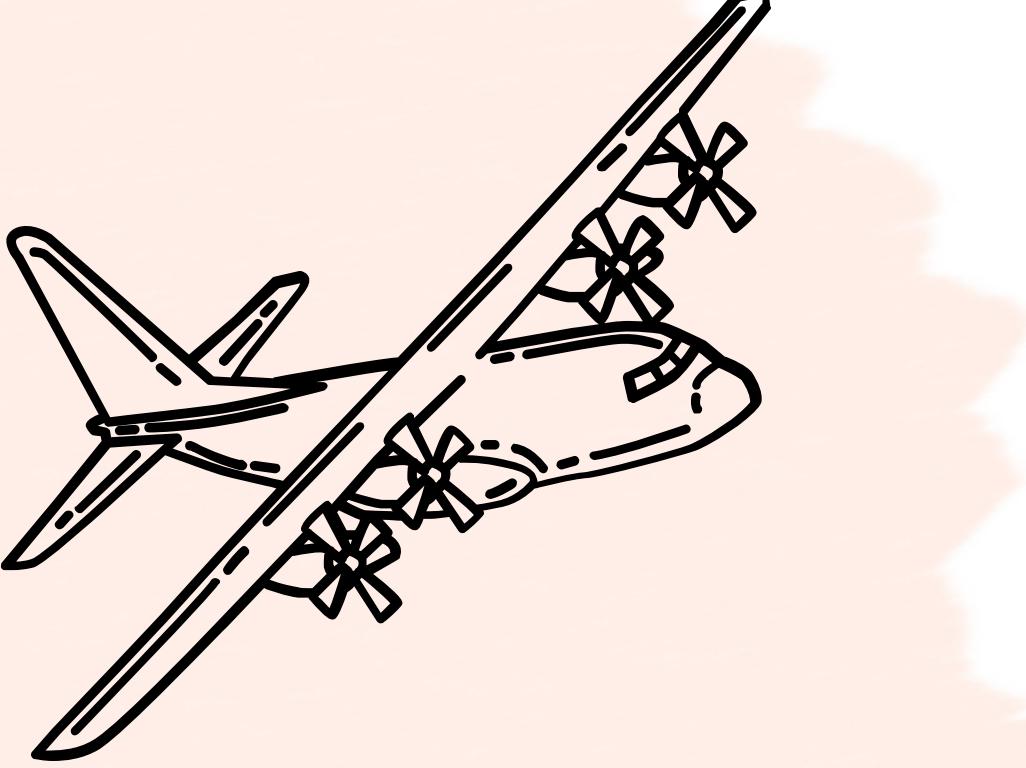
```
218 • UPDATE Employee  
219     SET `Salary`='5200'  
220     where `Salary`='5000'  
221     AND Employee_ID=2599;
```

```
0 • UPDATE Seats  
1     SET `status`='Reserved'  
2     where `status`='Available'  
3     AND `ID`='AA1';
```

```
128 • UPDATE flight  
129     SET capacity= 1000  
130     where capacity= 860  
131     AND IATA_code='JED-KWI' ;  
132
```



```
160 • UPDATE AirLine  
161     SET location = 'France'  
162     WHERE name = 'Air France'  
163     AND ID=1;  
164
```



**Our project contain
this number of Select
operations:**

5-WHERE
4-GROUP BY
2-HAVING
2-ORDER BY
1-subqueries
2-join operations



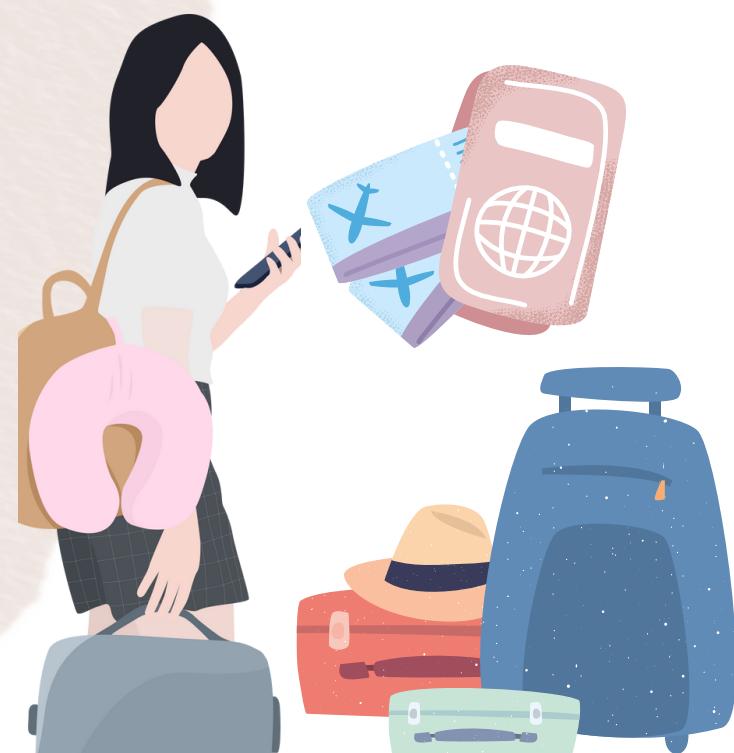
where

```
174 •      SELECT *  
175      FROM AirLine  
176      WHERE  
177      location IN  
178      (SELECT location  
179      FROM AirLine  
180      WHERE name = 'Emirates');
```

	ID	name	location	ID_EP	start_manage
▶	4	Emirates	UAE	3456	2022-04-01
●	HULL	HULL	HULL	HULL	HULL

```
select *  
from "Employee"  
where salary > 4750;
```

	Employee_ID	fName	lName	address	salary	phone_No	commission	hireDate	bonus	email	ID_AL
▶	4828	Sedra	Al Ali	Maikkah	5300.00	9665674120472	%2	16-12-2000	12	sedra21@gmail.com	3
●	5432	Jhone	Hider	Bangkuk	4800.00	9665857264657	%5	29-6-1991	8	jhone3@gmail.com	2
●	5437	Mohammed	Al Qahtani	Jeddah	5300.00	9665488748765	%5	9-8-1998	0	mQahtani5543@gmail.com	1
●	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL





GROUP BY

```
• SELECT location, COUNT(*) FROM AirLine GROUP BY location;
```

	location	COUNT(*)
▶	France	1
	UK	1
	Germany	1
	UAE	1
	USA	1



HAVING

-- DETERMINR THE NUMBER OF PASSENGER TO EACH CITY--

```
SELECT destination_city, count(capacity) AS Number_of_passengers  
FROM flight  
WHERE capacity>100  
GROUP BY destination_city  
HAVING count(capacity) ;
```

	destination_city	Number_of_passengers
▶	Amesterdam	2
	Milan	1
	Istanbul	1
	Jeddah	1



ORDER BY

```
select *  
from "Services"  
ORDER BY price DESC;
```

	ID	service_name	price
▶	6	Delivery to the hotel	80
	5	carry bags	60
	4	extra weight	200
	2	Vegetarian food	150
	3	Keto meal	120
	1	Healthy food	100
●	HULL	HULL	HULL



subqueries

```
SELECT * -- subqueries  
FROM reserva_on  
WHERE passport_no IN (  
    SELECT passport_no  
    FROM customer  
    where `total_price`>2000  
) ;
```

	Passport_No	serv_ID	St_ID	Date	total_price	Note
▶	12263678	6	AA1	2023-11-08	4089.09	First calss
	12433571	5	YK34	2023-09-21	2029.25	Premium Economy calss
	34567890	4	AD3	2023-12-16	4267.86	First calss
	63729264	2	CJ15	2023-06-27	3301.55	Business calss

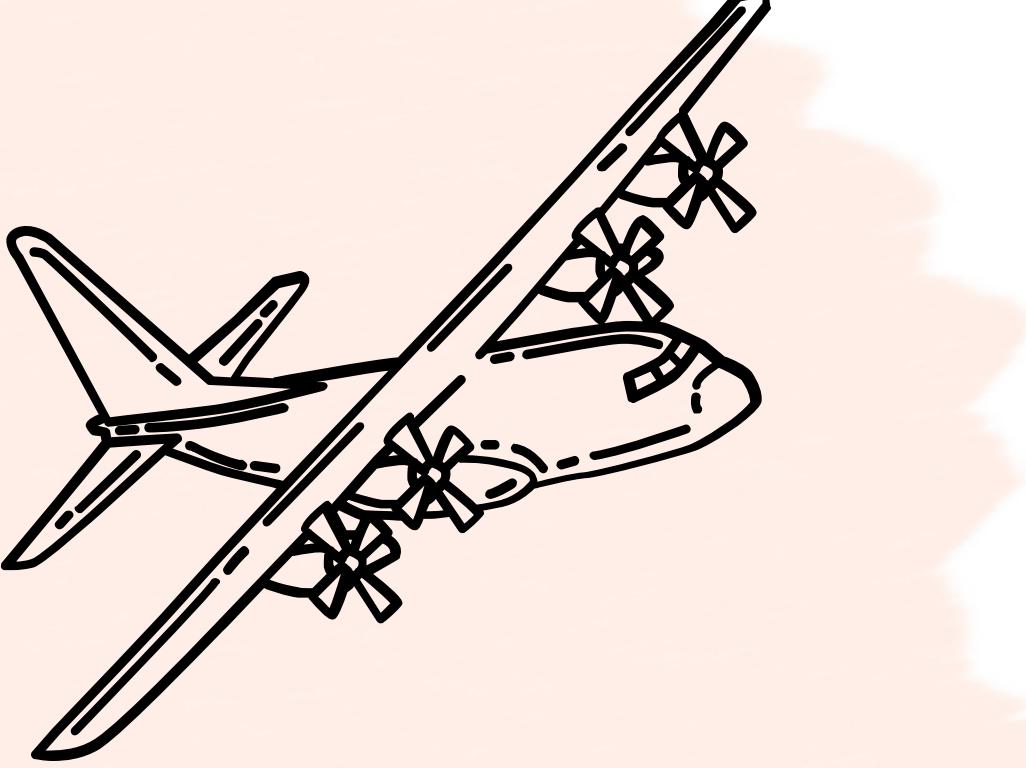


join

```
Select * -- join  
from Customer  
inner join Reserva_On  
on Customer.passport_no = Reserva_On.passport_no;
```

	passport_no	fName	lName	email	phone	Gender	birth_date	Passport_No	serv_ID	St_ID	Date	total_price	Note
▶	12263678	Abdullah	Al Otaibi	abdullah5543@gmail.com	966543948775	Male	2000-04-17	12263678	6	AA1	2023-11-08	4089.09	First class
	12433571	Amera	Al hazmi	Amera.alhazmi@gmail.com	966567890123	Female	2000-12-06	12433571	5	YK34	2023-09-21	2029.25	Premium Economy class
	34567890	Hamd	Al heseni	Hamd_hesenii@gmail.com	97134567890	Male	1985-10-23	34567890	4	AD3	2023-12-16	4267.86	First class
	45678901	Alice	Johnson	alicejohnson@gmail.com	442078917866	Female	2000-12-06	45678901	1	BL40	2023-07-06	1610.51	Business class
	63729264	Farah	Hamdi	Farahh1233@gmail.com	20068901600	Female	2002-07-20	63729264	2	CJ15	2023-06-27	3301.55	Business class





Difficult WE HAVE ENCOUNTERED during THE WOKE :

- 1- shortage of time
- 2- some error in sql
- 3-MySQL Workbench
problem with Mac book





DONE

