AIRPLANE TICKET MANAGEMENT SYSTEM
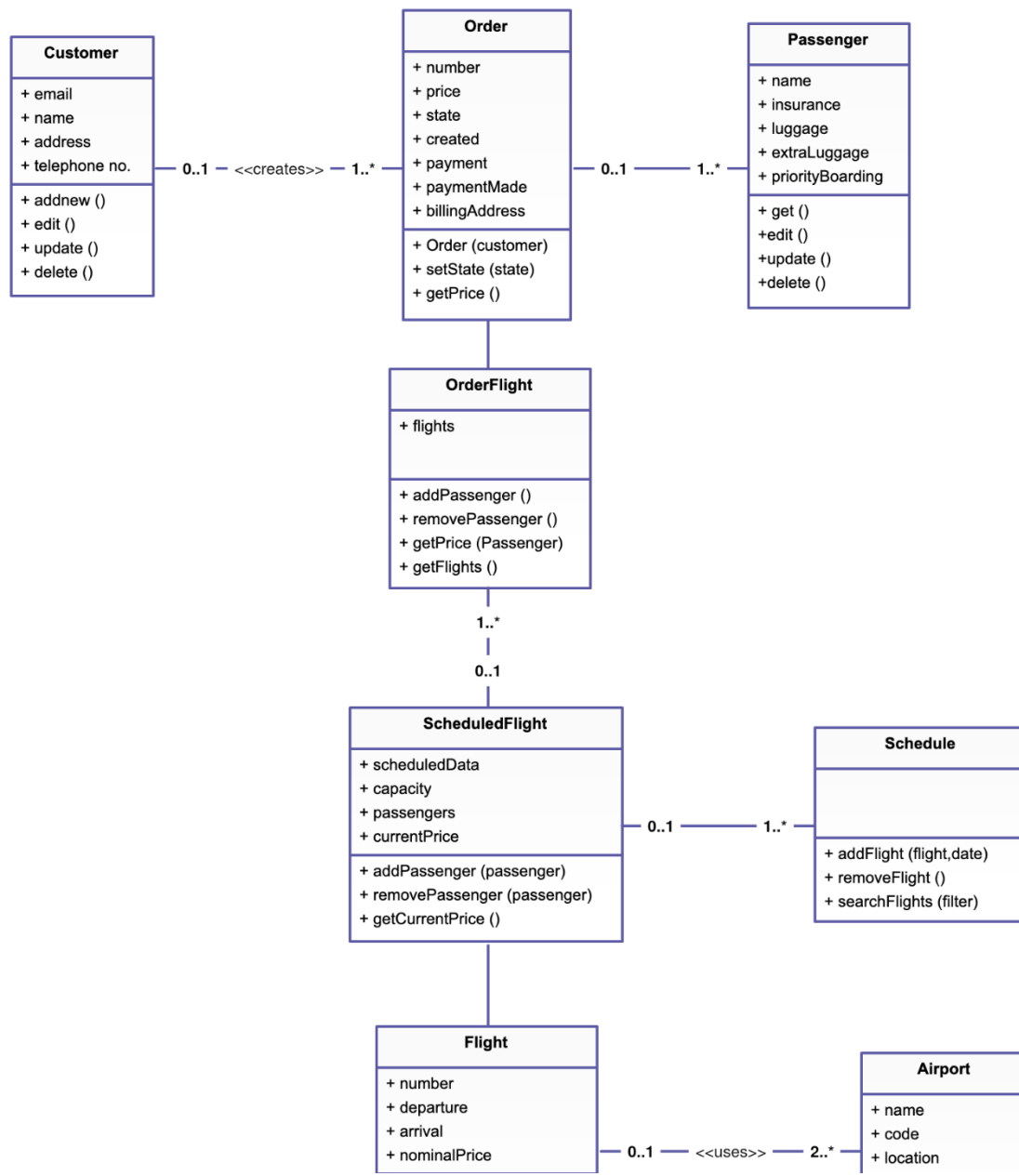
ADIL MEHMOOD

PROJECT ERD:
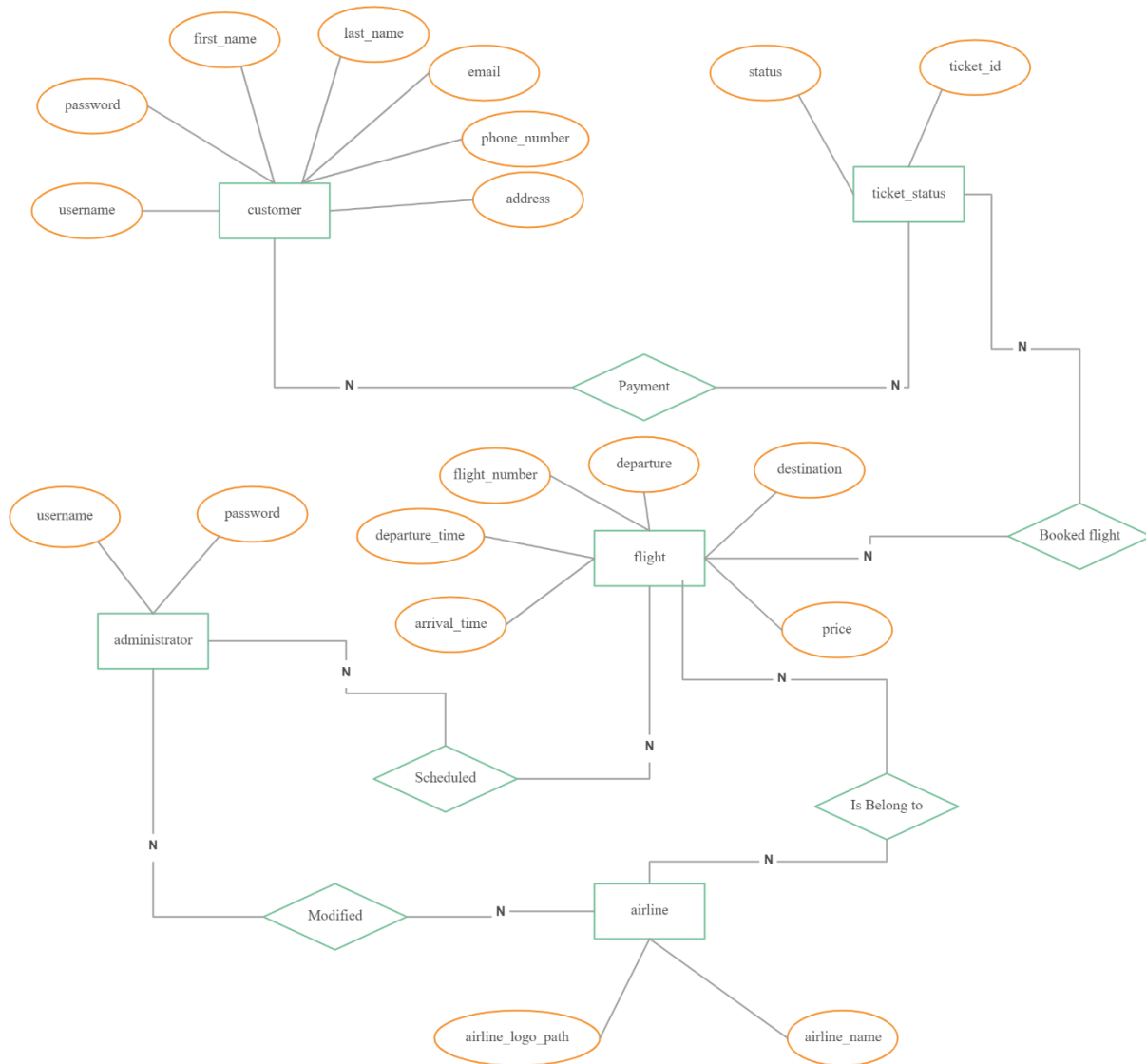
ER DIAGRAM

AIRPLANE TICKET MANAGEMENT SYSTEM

Customer

+ email
+ name
+ address
+ telephone no.

+ addnew ()
+ edit ()
+ update ()
+ delete ()

Order

+ number
+ price
+ state
+ created
+ payment
+ paymentMade
+ billingAddress

+ Order (customer)
+ setState (state)
+ getPrice ()

Passenger

+ name
+ insurance
+ luggage
+ extraLuggage
+ priorityBoarding

+ get ()
+ edit ()
+ update ()
+ delete ()

0..1 — <<creates>> — 1..*

0..1 — 1..*

OrderFlight

+ flights

+ addPassenger ()
+ removePassenger ()
+ getPrice (Passenger)
+ getFlights ()

1..*
0..1

ScheduledFlight

+ scheduledData
+ capacity
+ passengers
+ currentPrice

+ addPassenger (passenger)
+ removePassenger (passenger)
+ getCurrentPrice ()

0..1 — 1..*

Schedule

+ addFlight (flight,date)
+ removeFlight ()
+ searchFlights (filter)

Flight

+ number
+ departure
+ arrival
+ nominalPrice

0..1 — <<uses>> — 2..*

Airport

+ name
+ code
+ location

Syed Huzaifa Abid:

MODULE: LOGIN

MEMBER 1: HUZAIFA ABID (SP19-BCS-025)

1. Conceptual Database Modeling

SIGNUP AS

- USER

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-fullName (Only alphabets)

-fatherName (Only alphabets)

-phNumber Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-dateOfBirth (Numbers and (-))

-gender (Male, Female and others)

-address (Alpha Numeric)

-city (Alphabets)

-country (Alphabets)

- AIRLINE COMPANY

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-companyName (Only alphabets)

-phone Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-address (Alpha Numeric)

2. PARTIAL ER/ERR DIAGRAM

user	
userName	Varchar(50)
password	Varchar(50)
fullName	Varchar(255)
fatherName	Varchar(255)
phNumber	Varchar(255)
email	Varchar(50)
dateOfBirth	date
gender	char(1)
address	Varchar(255)
city	Varchar(20)
country	Varchar(20)

airlineCompany	
userName	Varchar(255)
password	Varchar(50)
companyName	Varchar(50)
phone	Varchar(255)
email	Varchar(20)
address	Varchar(255)

Hamza Mushtaq:

MODULE: LOGIN

MEMBER 2: HAMZA MUSHTAQ (SP19-BCS-007)

3. Conceptual Database Modeling

SIGNUP AS

- USER

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-fullName (Only alphabets)

-fatherName (Only alphabets)

-phNumber Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-dateOfBirth (Numbers and (-))

-gender (Male, Female and others)

-address (Alpha Numeric)

-city (Alphabets)

-country (Alphabets)

- AIRLINE COMPANY

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-companyName (Only alphabets)

-phone Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-address (Alpha Numeric)

4. <u>PARTIAL ER/ERR DIAGRAM</u>

user	
userName	Varchar(50)
password	Varchar(50)
fullName	Varchar(255)
fatherName	Varchar(255)
phNumber	Varchar(255)
email	Varchar(50)
dateOfBirth	date
gender	char(1)
address	Varchar(255)
city	Varchar(20)
country	Varchar(20)

airlineCompany	
userName	Varchar(255)
password	Varchar(50)
companyName	Varchar(50)
phone	Varchar(255)
email	Varchar(20)
address	Varchar(255)

ABDULLAH JAVED ASSIGNMENT 3

FEEDBACK:

Forms are used in at least three places in the application to fetch the data from the user. the code snippet of feedback form that's embedded in" Contact Us" page. The feedback form is declared and the fields are defined.

A small form called Feedback Form can be found in the "Contact Us" page. The users can send in their feedbacks to the company using this form. The form contains five fields where the users can enter their name, email address, service quality, rate out of five stars and message. The data from Feedback Form after sending is saved into company's database. Below shows the view of Feedback Form.

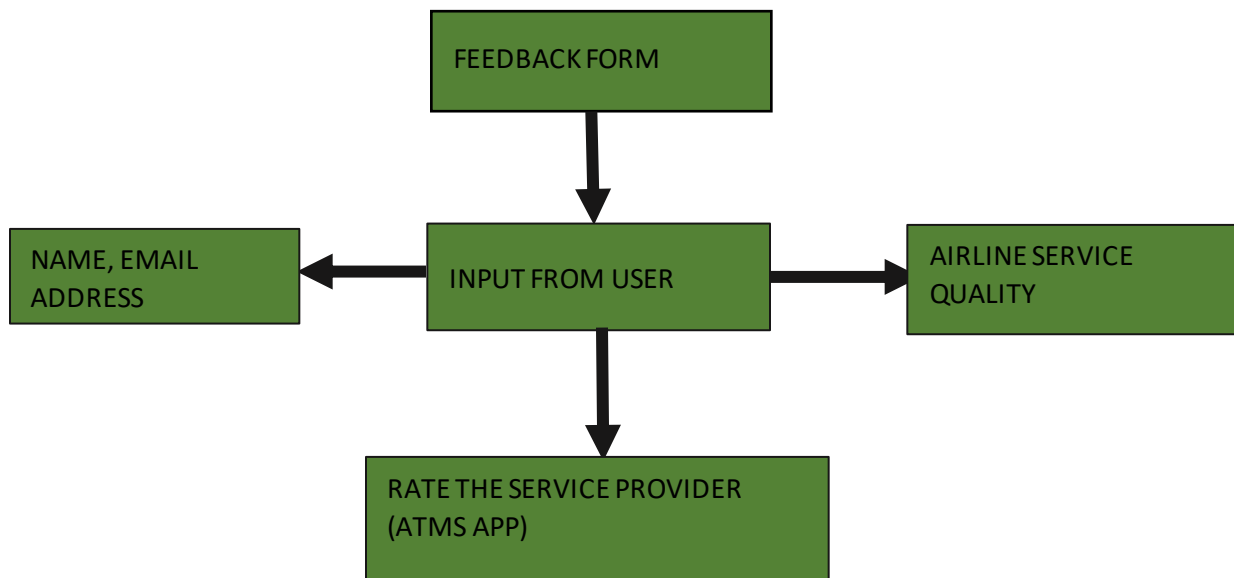Contact us

Feedback form

Your name

_____

Email address

_____

Services quality (tick one of the following)

Excellent, V. Good, Good, Satisfactory
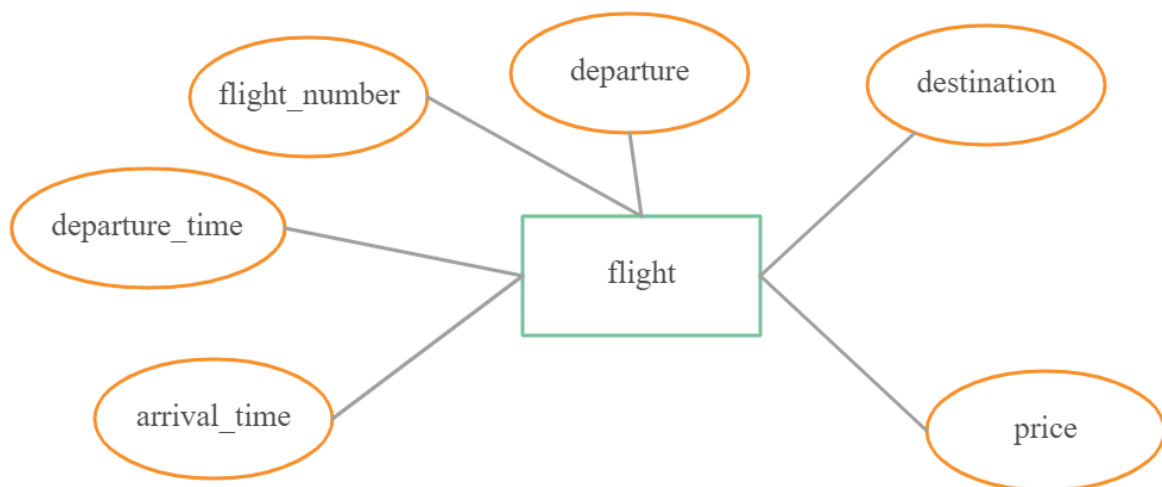
Rate out of five stars

*****

Your Message

_____

FEEDBACK FORM

```
        FEEDBACK FORM
              |
              v
NAME, EMAIL  <--  INPUT FROM USER  -->  AIRLINE SERVICE
ADDRESS                                 QUALITY
              |
              v
      RATE THE SERVICE PROVIDER
      (ATMS APP)
```

FEEDBACK	
userName	Varchar(255)
phone	Varchar(255)
email	Varchar(20)
address	Varchar(255)

Zulkifil Rehman

Reg SP19-BCS-027

Flight
Arrival_time
Departure_time
price
Flight_number
Destination
Departure
Arrival

Module : Main surf

Table

Flight search bar ER- diagram

Adnan Khurshid

SP19-BCS-029

Module : Main surf

Table

Flight
Arrival_time
Departure_time
price
Flight_number
Destination
Departure
Arrival

Flight search bar ER- diagram