Name: Yan Konichshev;
Net ID: yk2602;
Project, Part 1

AIR TICKET RESERVATION SYSTEM

AIRLINE

PK	name varchar(255) NOT NULL

AIRPLANE

PK	identification_num varchar(255) NOT NULL
	num_of_seats int NOT NULL
FK	airline_name int NOT NULL

Owns

Operates

Used for

FLIGHT

PK	flight_number varchar(255) NOT NULL
	departure_airport varchar(255) NOT NULL
	arrival_time varchar(255) NOT NULL
	price_per_seat int NOT NULL
FK	airplane_ID int NOT NULL

Departs to

AIRPORT

PK	name varchar(255) NOT NULL
	city varchar(255) NOT NULL

Arrives at

Commision Fee

TICKET

PK	ticket_ID int NOT NULL
FK	airline_name varchar(255) NOT NULL
FK	filght_number int NOT NULL
FK	customer's_email_address NOT NULL
FK	booking_agent_ID int

Purchases

Purchases

Works for

CUSTOMER

PK	email_address varchar(255) NOT NULL
	name varchar(255) NOT NULL
	first varchar(255) NOT NULL
	last varchar(255) NOT NULL
	password varchar(255) NOT NULL
	address
	building_num int
	street varchar(255)
	city varchar(255) NOT NULL
	state varchar(255) NOT NULL
	phone_number varchar(255) NOT NULL
	passport_number varchar(15) NOT NULL
	passport_exp_date varchar(8) NOT NULL
	passport_country varchar(255) NOT NULL
	date_of_birth varchar(8) NOT NULL

AIRLINE STAFF

PK	username varchar(255) NOT NULL
	name varchar(255) NOT NULL
	first varchar(255) NOT NULL
	last varchar(255) NOT NULL
	password varchar(255) NOT NULL
	DOB varchar(8) NOT NULL
FK	airline_name varchar(255) NOT NULL
	{ permission }

BOOKING AGENT

PK	email_address varchar(255) NOT NULL
	name varchar(255) NOT NULL
	first varchar(255) NOT NULL
	last varchar(255) NOT NULL
	password varchar(255) NOT NULL
	booking_agent_id varchar(255) NOT NULL

Works for