Airlines Management System

Entity Relationship Diagram(ERD)

Luggage
PK	ReservationId
	Amount
	Weight
	Fee

Role
PK	RoldId
	RoleName

Airport
PK	IATACode
	AirportName
FK	CityCode

City
PK	CityCode
	CityName
FK	CountryCode

FlightReservation
PK	ReservationId
	Firstname
	Lastname
	IDType
	IDTypeNumber
FK	CountryCode
	Gender
	Phone
	Birthday
	ETicketNumber
	Payment
FK	UserId
FK	ScheduleId
FK	CabinTypeId
FK	SeatLayoutId

Users
PK	UserId
	Email
	FirstName
	LastName
	Password
	Gender
	DateOfBirth
	Phone
	Photo
	Address
FK	RoleId

Route
PK	RouteId
FK	DepartureAirportIATA
FK	ArrivalAirportIATA
	Distance
	FlightTime

Country
PK	CountryCode
	CountryName

Schedule
PK	ScheduleId
	Date
	Time
FK	AircraftId
FK	RouteId
	EconomyPrice
	FlightNumber
	Gate
	Status

FlightStatus
PK	ScheduleId
	ActualArrivalTime

FlightFoodReservation
PKFK	ReservationId
PKFK	FoodId
	Amount

CabinType
PK	CabinTypeId
	CabinTypeName

SeatLayout
PK	Id
	RowNumber
	ColumnName
FK	CabinTypeId
FK	AircraftId

FlightFood
PK	FoodId
	Name
	Description
	Price
	Img

Aircraft
PK	AircraftId
	Name
	FirstSeatsLayout
	FirstSeatsAmount
	BusinessSeatsLayout
	BusinessSeatsAmount
	EconomySeatsLayout
	EconomySeatsAmount