Airport Reservation System

Table of contents

1 Aircraft

Creation: Dec 05, 2015 at 02:24 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Tail_Number	varchar(16)		No					
Airline	varchar(16)		Yes	NULL				
Manufacture	varchar(16)		Yes	NULL				
Model	varchar(16)		Yes	NULL				
Capacity	int(11)		Yes	NULL				
Status	enum('1', '0')		Yes	NULL				
First_Class_Seats	int(11)		Yes	NULL				
Business_Class_Seats	int(11)		Yes	NULL				
Coach_Class_Seats	int(11)		Yes	NULL				
Window_Seats	int(11)		No					
Isle_Seats	int(11)		No					

2 Airports

Creation: Dec 04, 2015 at 05:35 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Airport_Code	varchar(8)		No					
Airport_Name	varchar(128)		Yes	NULL				
City	varchar(32)		Yes	NULL				
State	varchar(16)		Yes	NULL				

3 Class

Creation: Dec 04, 2015 at 01:55 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Class_Id	varchar(16)		No					
Class_Type	varchar(32)		Yes	NULL				
Class_Price	float		Yes	NULL				

Dec 05, 2015 at 06:42 PM

4 Credit_Details

Creation: Dec 04, 2015 at 01:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Credit_Id	int(11)		No					
Credit_Card	bigint(20)		Yes	NULL				
Exp_Date	varchar(16)		Yes	NULL				
CVC_Code	int(11)		Yes	NULL				

5 Distance

Creation: Dec 04, 2015 at 01:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
From	varchar(16)		Yes	NULL				
To	varchar(16)		Yes	NULL				
Distance	float		Yes	NULL				
Distance_Id	int(11)		No		auto_increment			

6 Flight_Fare

Creation: Dec 04, 2015 at 01:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Start_Date	date		Yes	NULL				
End_Date	date		Yes	NULL				
Cost_Per_Mile	float		Yes	NULL				

7 Flights

Creation: Dec 04, 2015 at 05:48 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Flight_Number	varchar(16)		No					
Flight_Date	timestamp		No	CURRENT_TIMESTAMP	on update CURRENT_TIMESTAMP			
Tail_Number	varchar(16)		Yes	NULL		Aircraft -> Tail_Number		
Status	enum('Delayed', 'On-Time', 'Cancelled')		Yes	NULL				
Departure_Time	time		Yes	NULL				
Distance_Id	int(11)		Yes	NULL		Distance -> Distance_Id		
Arrival_Time	time		Yes	NULL				

8 Meals

Creation: Dec 04, 2015 at 01:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Meal_Id	int(11)		No					
Meal_Type	varchar(16)		Yes	NULL				

9 Price

Creation: Dec 05, 2015 at 06:07 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Reservation_Price	float		Yes	NULL				
Reservation_Id	varchar(32)		Yes	NULL		Reservations -> Reservations_Id		

10 Reservations

Creation: Dec 04, 2015 at 07:50 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Reservations_Id	varchar(32)		No					
Flight_Number	varchar(16)		Yes	NULL				
Flight_Date	timestamp		Yes	NULL				
Seat_Number	varchar(4)		Yes	NULL				
Meal_Id	int(11)		Yes	NULL		Meals -> Meal_Id		
UUID	varchar(32)		Yes	NULL		Users -> UUID		
Class_Id	varchar(16)		No			Class -> Class_Id		

11 Role

Creation: Dec 04, 2015 at 01:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
Role_Id	int(11)		No					
User_Type	varchar(16)		Yes	NULL				

12 Users

Creation: Dec 05, 2015 at 01:12 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
UUID	varchar(32)		No					
Last_Name	varchar(64)		Yes	NULL				
First_Name	varchar(64)		Yes	NULL				
Street	varchar(32)		Yes	NULL				
City	varchar(16)		Yes	NULL				
State	varchar(16)		Yes	NULL				
Zip_Code	varchar(16)		Yes	NULL				
Email_Address	varchar(64)		Yes	NULL				
Password	varchar(64)		Yes	NULL				
Phone_Number	varchar(16)		Yes	NULL				
Role_Id	int(11)		No			Role -> Role_Id		
Credit_Id	int(11)		No			Credit_Details -> Credit_Id		

Flights
| Flight_Number |
| Flight_Date |
| Tail_Number |
| Status |
| Departure_Time |
| Distance_Id |
| Arrival_Time |

Aircraft
| Tail_Number |
| Airline |
| Manufacture |
| Model |
| Capacity |
| Status |
| First_Class_Seats |
| Business_Class_Seats |
| Coach_Class_Seats |
| Window_Seats |
| Isle_Seats |

Price
| Reservation_Price |
| Reservation_Id |

Reservations
| Reservations_Id |
| Flight_Number |
| Flight_Date |
| Seat_Number |
| Meal_Id |
| UUID |
| Class_Id |

Meals
| Meal_Id |
| Meal_Type |

Class
| Class_Id |
| Class_Type |
| Class_Price |

Distance
| From |
| To |
| Distance |
| Distance_Id |

Flight_Fare
| Start_Date |
| End_Date |
| Cost_Per_Mile |

Role
| Role_Id |
| User_Type |

Users
| UUID |
| Last_Name |
| First_Name |
| Street |
| City |
| State |
| Zip_Code |
| Email_Address |
| Password |
| Phone_Number |
| Role_Id |
| Credit_Id |

Airports
| Airport_Code |
| Airport_Name |
| City |
| State |

Credit_Details
| Credit_Id |
| Credit_Card |
| Exp_Date |
| CVC_Code |