

Mapping E_R diagram for an Airline System

Airport

<u>airport_code</u> (PK)	name	city	state
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Flight

<u>flight_no</u> (PK)	airline	weekdays	restrictions
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Flight Leg

<u>leg_no</u> (PK)	scheduled_dep_time	scheduled_arr_time	flight_no	Arrival	Departure
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Leg Instance

Date	leg_no	dep_time	arr_time	available_seats	airplane_id
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<u>Date + leg_no</u> (PK)					

Airplane Type

<u>type_name</u> (PK)	company	max_seats
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Airplane

<u>airplane_id</u> (PK)	total_seats	type_name

SEAT / RESERVATION

<u>seat_no</u> (PK)	customer_name	customer_phone	Date + leg_no (FK)

Fare

<u>fare_code</u> (PK)	amount	flight_no

Airport_AirplaneType

airport_code -----	type_name -----
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