












zBooking		
P *	Booking_Reference	CHAR (6)
*	Booking_Date	TIMESTAMP WITH TIME ZONE
*	Booking_Total_Amount	NUMBER (6,2)
 zBooking_PK (Booking_Reference)		



zBoarding_Pass		
PF *	Ticket_No	CHAR (13)
P *	Flight_ID	NUMBER (7)
*	Boarding_No	NUMBER (3)
*	Seat_No	CHAR (4)
 INDEX_1 (Ticket_No)		
 zBoarding_Pass_PK (Ticket_No, Flight_ID)		
 zBoarding_Pass_Ticket_FK (Ticket_No)		

zTicket		
P *	Ticket_No	CHAR (13)
F	Booking_Reference	CHAR (6)
*	Passenger_Id	CHAR (20)
 zTicket_PK (Ticket_No)		
 zTicket_FK (Booking_Reference)		

zTicket_Flight		
FF *	Ticket_No	CHAR (13)
FF *	Flight_ID	NUMBER (7)
*	Price_Per_Ticket	NUMBER (5,2)
 zTicket_Flight_PK (Ticket_No, Flight_ID)		
 zTicket_Flight_Flight_FK (Flight_ID)		
 zTicket_Flight_Ticket_FK (Ticket_No)		

zAircraft		
P *	Aircraft_Code	CHAR (3)
*	Aircraft_Model	VARCHAR2 (25)
*	Aircraft_Range	NUMBER (5)
 zAircraft_PK (Aircraft_Code)		

zAirport		
P *	Airport_Code	CHAR (3)
*	Airport_Name	VARCHAR2 (25)
*	Airport_City	VARCHAR2 (25)
*	Airport_Latitude	NUMBER (2,15)
*	Airport_Longitude	NUMBER (3,15)
*	Airport_Time_Zone	VARCHAR2 (25)
 zAirport_PK (Airport_Code)		

zSeat		
FF *	Aircraft_Code	CHAR (3)
P *	Seat_No	CHAR (4)
*	Fare_Class	VARCHAR2 (8)
 zSeat_PK (Aircraft_Code, Seat_No)		
 zSeat_Aircraft_FK (Aircraft_Code)		





zFlight		
P *	Flight_ID	NUMBER (7)
*	Flight_No	CHAR (6)
*	Scheduled_Departure	TIMESTAMP
*	Scheduled_Arrival	TIMESTAMP
F	Departure_Airport_Code	CHAR (3)
F	Arrival_Airport_Code	CHAR (3)
*	Flight_Status	VARCHAR2 (9)
F	Aircraft_Code	CHAR (3)
*	Actual_Departure	TIMESTAMP
*	Actual_Arrival	TIMESTAMP
 zFlight_PK (Flight_ID)		
 zFlight_Aircraft_FK (Aircraft_Code)		
 zFlight_Arrival_Airport_FK (Arrival_Airport_Code)		
 zFlight_Departure_Airport_FK (Departure_Airport_Code)		

Diagram: Phase 2 Database

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