

Airlines		
PK	airline_id	INT
	airline_cod	INT
	name	VARCHAR(50)
	country	VARCHAR(50)
	created	TIMESTAMP
	updated	TIMESTAMP

Airport		
PK	airport_id	INT
	airport_name	VARCHAR(50)
	country	VARCHAR(50)
	state	VARCHAR(50)
	city	VARCHAR(50)
	created	TIMESTAMP
	updated	TIMESTAMP

Flight		
PK	flight_id	INT
FK	departure_airport_id	INT
FK	airline_id	INT
FK	arrival_airport_id	INT
	departing_gate	TIMESTAMP
	arriving_gate	TIMESTAMP
	scheduled_departure_time	TIMESTAMP
	scheduled_arrival_time	TIMESTAMP
	actual_arrival_time	TIMESTAMP
	actual_departure_time	TIMESTAMP
	updated	TIMESTAMP
	created	TIMESTAMP

Booking Changes		
PK	booking_changes_id	INT
FK	booking_id	INT
	changed_time	TIMESTAMP
	changed_information	VARCHAR(200)

Boarding Passes		
PK	boarding_pass_id	INT
FK	booking_id	INT
UQ	seat	INT
	boarding_time	TIMESTAMP
	created	TIMESTAMP
	updated	TIMESTAMP

Booking		
PK	booking_id	INT
FK	flight_id	INT
FK	passenger_id	INT
	status	VARCHAR(100)
	ticket_price	INT
	booking_platform	VARCHAR(100)
	created	TIMESTAMP
	updated	TIMESTAMP

Passengers		
PK	passenger_id	INT
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	gender	VARCHAR(25)
	date_of_birth	DATA
	country_of_citizenship	VARCHAR(50)
	country_of_residence	VARCHAR(50)
UQ	passport_number	INT
	created	TIMESTAMP
	updated	TIMESTAMP

SecurityCheck		
FK	passenger_id	INT
PK	security_check_id	INT
	check_results	VARCHAR(25)
	created	TIMESTAMP
	updated	TIMESTAMP

Baggage		
PK	baggage_id	INT
FK	booking_id	INT
	weight	INT
	created	TIMESTAMP
	updated	TIMESTAMP

BaggageCheck		
PK	baggage_checking_id	INT
FK	booking_id	INT
FK	passenger_id	INT
	check_results	VARCHAR(100)
	created	TIMESTAMP
	updated	TIMESTAMP

## LEGEND

PK = Primary Key  
 FK = Foreign Key  
 UQ = Unique  
 NN = Not Null  
 1:1 = one to one relationship  
 1:N = one to many relationship  
 Rectangle = entity (table)  
 Line = relationship between entities  
 created / updated = system fields for creation and update time