BoardingPass			airport					airline									
boarding_pass_id	int PK		int PK	airport	_ <u>id</u>	+0-	ıΓ	airline_id	int PK	+0-							
booking_id	int FK] 	airport_nam	ne varchar	r(100)		\ [airline_code	Varchar(10) Uniqu	ue			Entiti	ies			
seat	varchar (10)		country	varchar	r(100)		1	name	varchar(100)						sustry state sits). One givent can come as the departure or arrival point for many flights (4. M.Flight)		
boarding_time	TIMESTAMP	\	state	varchar			1	country	varchar(100)				All port – 3	Stores data about airports (id, fiame, cod	untry, state, city). One airport can serve as the departure or arrival point for many flights (1→M Flight).		
created_at	TIMESTAMP	\	city created_at	- 1	char(100) IESTAMP		1 /	created_at	at TIMESTAMP				Airline – S	Airline - Stores information about airlines (code, n	, name, country). One airline operates many flights (1M Flight).		
updated_at	updated_at TIMESTAMP		updated_at TIMESTAMP			1	updated_at TIMESTAMP										
	`\					1								flights (times, gates). Each flight is linked to one airline and two airports (departure and arrival). One flight can have man	y bookings		
		\	\	Booki	ing		1						(1→M Bool	oking).			
BookingChange		1	booking_id int PK		+O ₁	1	Flight					Passenger	Passenger – Stores passenger information (first name, last name, gender, date of birth, citizenship, residence, passport number). One passenger can have many bookings (1—M				
	booking_change_id int PK		fligi	flight_id int FK		*	10	flight_id		t PK		Booking) and multiple security checks (1→M SecurityCheck).					
booking_id			passe	nger_id int F	FK	\Rightarrow	Ĭ				=['						
changed at			sta	atus vard	char(20)			airlii	ne_id in	t FK					ns booking details (flight, passenger, status, platform, ticket price, timestamps). A booking may have a history of changes (1—M BookingChange), baggage (1— nost one boarding pass (01 BoardingPass, one-to-one).		
changed_by			plat	tform varo	char(30)		\vdash	departure	_airport_id in	t FK							
old	text		ticket	_price Dec	cimal(10,2)		Ч	arrival_a	airport_id in	t FK			BookingCl	BookingChange – Records the history of changes to a booking (time, user, old and new values). Each change belongs to exactly one booking (M→1 time).		Booking).	
new	text		creat	ted_at TIM	MESTAMP			arrival_a	airport_id in	t FK							
new text			updated_at TIMESTAMP				scheduled_departure_at		MESTAMP			BoardingPass - Represents a boarding pass (seat, boarding time, timestamps). Each booking can have at most one boarding pass (1→1 Booking). A boarding pass cannot exit without a booking.		iot exist			
								_									
		_		Passenger				scheduled_arrival_at actual_departure_at		MESTAMP			Baggage – Stores details about registered baggage (weight, timestamps). Each baggage item belongs to one booking (M→1 Booking). One booking may include multiple baggage items (1→M Baggage). BaggageCheck – Records results of baggage checks (result, timestamps). Each baggage item can have multiple checks (1→M BaggageCheck).		ge (weight, timestamps). Each baggage item belongs to one booking (M→1 Booking). One booking may include multiple	baggage	
SecurityCheck					int PK	+~				MESTAMP							
security_check_id int PK		/			varchar(100)			actual_arrival_at		IMESTAMP							
passanger_id	int FK	—	last	_name	varchar(100)			-	_								
result	varchar(50)		ge	gender var	varchar(10)			departi	ng_gate va	archar(10)	SecurityCheck			Check – Contains results of passenger security checks (result, timestamps). Each passenger may have multiple checks (1—M SecurityCheck).			
created_at	TIMESTAMP		date_	date_of_birth timestar country_of_citizenship varchar(arrivin	g_gate va	archar(10)							
updated_at	TIMESTAMP		country_c					created_at		IMESTAMP	Legend						
			country_c	country_of_residence varchar(100) passport_num varchar(50) Unique created_at TIMESTAMP updated_at TIMESTAMP										Rectangle – Entity (table) Underlined attribute – Primary Key (PK) int FK – Foreign Key (FK)			
			passp					updated_at		MESTAMP							
			crea														
			upda					Baggage			baggage_c	_			three lines- Many		
						b	nggage_id int PK			' 1				Single line – One			
						L	K t	ooking_id	int FK		buggage_ia	int FK			Circle – Optional (0N or 01)		
							,	veight_kg	Decimal(6,2)		result	varchar(50)			Straight line without circle – Mandatory (≥1).		
created_at TIMESTAMP created_at TIMESTAMP													V *P				

updated_at

updated_at

TIMESTAMP

TIMESTAMP