

train_booking_system_database

booking

Column	Type	Null	Default	Links to	Comments	Media type
booking_id <i>(Primary)</i>	int(11)	No				
passenger_id	int(11)	No		passenger -> passenger_id		
position	int(11)	No				
status_id	int(11)	No		booking status -> status_id		
booking_date	date	No				
starting_station_id	int(11)	No		train station -> train_station_id		
ending_station_id	int(11)	No		train station -> train_station_id		
train_journey_id	int(11)	No		train journey -> train_journey_id		
ticket_class_id	int(11)	No		carriage class -> carriage_class_id		
amount_paid	decimal(10,0)	No				
ticket_no	int(11)	No				
seat_no	int(11)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	booking_id	6	A	No	
passenger_id	BTREE	No	No	passenger_id	6	A	No	
train_journey_id	BTREE	No	No	train_journey_id	6	A	No	
ticket_class_id	BTREE	No	No	ticket_class_id	6	A	No	
starting_station_id	BTREE	No	No	starting_station_id	6	A	No	
ending_station_id	BTREE	No	No	ending_station_id	6	A	No	
booking_ibfk_2	BTREE	No	No	status_id	6	A	No	

booking status

Column	Type	Null	Default	Links to	Comments	Media type
status_id <i>(Primary)</i>	int(11)	No				
name	varchar(20)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	status_id	5	A	No	

carriage class

Column	Type	Null	Default	Links to	Comments	Media type
carriage_class_id <i>(Primary)</i>	int(11)	No				
class_name	varchar(20)	No				
seating_capacity	int(11)	No				

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Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	carriage_class_id	5	A	No	

carriage price

Column	Type	Null	Default	Links to	Comments	Media type
schedule_id	int(11)	No		shedule -> schedule_id		
carriage_class_id	int(11)	No		carriage class -> carriage_class_id		
price	decimal(10,0)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
schedule_id	BTREE	No	No	schedule_id	5	A	No	
carriage_class_id	BTREE	No	No	carriage_class_id	5	A	No	

journey carriage

Column	Type	Null	Default	Links to	Comments	Media type
journey_id	int(11)	No		train journey -> train_journey_id		
carriage_class_id	int(11)	No		carriage class -> carriage_class_id		
position	int(11)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
journey_id	BTREE	No	No	journey_id	5	A	No	
carriage_class_id	BTREE	No	No	carriage_class_id	5	A	No	

journey station

Column	Type	Null	Default	Links to	Comments	Media type
journey_id (Primary)	int(11)	No		train journey -> train_journey_id		
station_id	int(11)	No		train station -> train_station_id		
stop_order	int(11)	No				
departure_time	datetime	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	journey_id	5	A	No	
station_id	BTREE	No	No	station_id	5	A	No	

passenger

Column	Type	Null	Default	Links to	Comments	Media type
passenger_id <i>(Primary)</i>	int(11)	No				
first_name	varchar(20)	No				
last_name	varchar(20)	No				
email_address	varchar(20)	No				
password	varchar(50)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	passenger_id	10	A	No	

shedule

Column	Type	Null	Default	Links to	Comments	Media type
schedule_id <i>(Primary)</i>	int(11)	No				
name	varchar(20)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	schedule_id	5	A	No	

train journey

Column	Type	Null	Default	Links to	Comments	Media type
train_journey_id <i>(Primary)</i>	int(11)	No				
schedule_id	int(11)	No		shedule -> schedule_id		
name	varchar(50)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	train_journey_id	6	A	No	
foreign	BTREE	No	No	schedule_id	6	A	No	

train station

Column	Type	Null	Default	Links to	Comments	Media type
train_station_id <i>(Primary)</i>	int(11)	No				
station_name	varchar(20)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	train_station_id	5	A	No	