



Transaction		
PK	id	UUID
Key	card_number	CharField(max_length=16)
Key	created_at	DateTimeField()
Key	paid_amount	IntegerField()
Key	tracking_code	CharField(max_length=50)
Key	successed	BooleanField()

Report		
PK	id	UUID
Key	subject	ChoiceField('Reservation', 'Transaction', ..., 'other')
Key	description	DateTimeField()
FK	document	Document
FK	user	User
Key	is_processed	DateTimeField()
Key	processed_at	BooleanField()

Reservation		
PK	id	UUID
FK	user	User
FK	ticket	Ticket
Key	transaction	Transaction
Key	created_at	DateTimeField()
Key	updated_at	BooleanField(Default=False)
Key	is_cancelled	BooleanField()

Location		
Primary Key	id	UUID
Key	city	CharField(max_length=50)
Key	station	CharField(max_length=50)
Key	location_type	ChoiceField('airport', 'terminal', 'trainstation')

Document		
PK	id	UUID
Key	file	FileField()
Key	created_at	DateTimeField()
Key	user	User

User		
PK	id	UUID
Key	Username	CharField(max_length=100)
Key	Password	CharField(max_length=100)
Key	email	EmailField()
Key	is_admin	BooleanField(Default=False)
Key	signup_date	DateTimeField()

Ticket		
Primary Key	id	UUID
FK	from	Location
FK	to	Location
Key	price	FloatField(Default=False)
Key	start_at	DateTime()
Key	duration	DurationField()
Key	delay	DurationField()
Key	class	ChoiceField('economic', 'VIP', 'business')
Key	Capacity	PositiveIntegerField()
FK	vehicle	Vehicle
Key	stops	DurationField()

Profile		
PK	id	UUID
FK	user	User
Key	full_name	CharField(max_length=50)
Key	city	CharField(max_length=30)
Key	phone_number	PhoneNumberField()

Vehicle		
Primary Key	id	UUID
Key	name	CharField(max_length=50)
Key	capacity	IntegerField()
FK	vehicle_info	ChoiceField('train', 'airplane', 'bus')
Key	vehicle_type	ChoiceField('train', 'airplane', 'bus')

Train		
PK	id	UUID
Key	train_services	TrainServices
Key	name	CharField(max_length=50)
Key	capacity	PositiveIntegerField()
Key	airplane	Airplane
Key	bus	Bus

TrainServices		
Key	start_num	PositiveIntegerField()
Key	flatbed_wagon	BooleanField()
Key	wifi_access	BooleanField()
Key	air_conditioning	BooleanField()
Key	exclusive_coupe	BooleanField()

AirPlane		
PK	id	UUID
FK	airplane_services	AirplaneServices
Key	Field	Type
Key	transportation_type	ChoiceField = ['airplane', 'train', 'bus']
Key	train	Train
Key	airplane	Airplane
Key	bus	Bus

AirplaneServices		
Key	capacity	PositiveIntegerField()
Key	custom_id	BooleanField()
Key	wifi_access	BooleanField()
Key	air_conditioning	BooleanField()
Key	exclusive_coupe	BooleanField()

Bus		
PK	id	UUID
FK	bus_services	BusServices
Key	transportation_type	ChoiceField = ['airplane', 'train', 'bus']
Key	train	Train
Key	airplane	Airplane
Key	bus	Bus

BusServices		
Key	name	CharField(max_length=50)
Key	company	CharField(max_length=50)
Key	type	ChoiceField('VIP', 'Ordinary', 'Sleepable')
Key	seat_kind	ChoiceField('2+2', '1+2')
Key	catering_service	BooleanField()
Key	air_conditioning	BooleanField()

