Refine & Normalize the Design

Rent-a-Car company

start_location

+ start_loc_id: int
+ start_address: varchar(100)

end_location

+ end_loc_id: int
+ end_address: varchar(100)

rentamount

+ rentamount_id: int
+ price_perday: decimal(6,2)
+ price_perweek: decimal(6,2)
+ price_permonth: decimal(6,2)

car

+ car_id: int
+ fk_rentamount_id: int
+ car_type: varchar(50)
+ build_year: int
+ passangeramount: varchar(70)
+ description: text

reservation

+ reservation_id: int
+ fk_car_id: int
+ fk_driver_id: int
+ fk_insurance_id: int
+ fk_additional_service: int
+ fk_additional_driver_id: int
+ start_date: datetime
+ end_date: datetime
+ fk_start_loc_id: int
+ fk_end_loc_id: int
+ timestamp: timestamp

additional_service

+ additional_service_id: int
+ additional_service_name: varchar(60)
+ additional_service_price: decimal(6,2)

insurance

+ insurance_id: int
+ insurance_kind: varchar(60)
+ insurance_price: decimal(6,2)

additional_driver

+ additional_driver_id: int
+ price_extradriver: decimal(6,2)
+ first_name: varchar(50)
+ last_name: varchar(50)
+ license_nr: varchar(60)

driver

+ driver_id: int
+ first_name: varchar(50)
+ last_name: varchar(50)
+ driver_telephone: varchar(50)
+ driver_email: varchar(60)
+ license_nr: varchar(60)
+ birthday: date

company

+ company_id: int
+ company_name: varchar(30)
+ company_address: text
+ company_UID: varchar(20)
+ fk_contact_id: int

invoice

+ invoice_id: int
+ fk_company_id: int
+ fk_driver_id: int
+ fk_car_id: int
+ fk_reservation_id: int
+ invoice_date: date
+ invoice_sum: decimal(6,2)
+ payment_method: varchar(50)
+ fk_additional_charges: int

contact_person

+ contact_id: int
+ first_name: varchar(50)
+ last_name: varchar(50)
+ e_mail: varchar(60)
+ tel_nr: varchar(50)

additional_charges

+ additional_charges_id: int
+ price: decimal(6,2)
+ description: text
+ fk_contact_id: int