**CS 353 Spring 2024  
Homework 2  
Due:** February 22, Thursday till midnight

**Q.1**

A diagram of a vehicle

Description automatically generated

**Q.2**

insurance\_policy (policy\_number, start\_date, end\_date)

life\_policy (coverage\_amount, policy\_type, beneficiaries)

vehicle\_policy (vehicle\_plate, vehicle\_type, vehicle\_value)

insurance\_company (company\_id, name, phone\_number, address)

premium\_payment (policy\_number, due\_date, amount)

policyholder (TCK\_number, name, phone\_number)

accident (report\_id, location, date, damage)

vehicle (plate, color, production\_year, model)

car (car\_type, car\_style)

truck (truck\_type, weight)

motorcycle (motor\_type, size)

involved\_in (TCK\_number, report\_id)

TCK\_number is a foreign key to policyholder

report\_id is a foreign key to accident

holds\_policy (TCK\_number, policy\_number)

TCK\_number is a foreign key to policyholder

policy\_number is a foreign key to insurance\_policy

involves (plate, report\_id)

plate is a foreign key to vehicle

report\_id is a foreign key to accident

has\_payments (policy\_number, payment\_number, due\_date, amount)

policy\_number is a foreign key to insurance\_policy

payment\_number, due\_date, amount is a foreign key to premium\_payment

issued\_by (policy\_number, company\_id)

policy\_number is a foreign key for insurance\_policy

company\_id is a foreign key to insurance\_company

covers (policy\_number, plate)

policy\_number is a foreign key to insurance\_policy

plate is a foreign key to vehicle