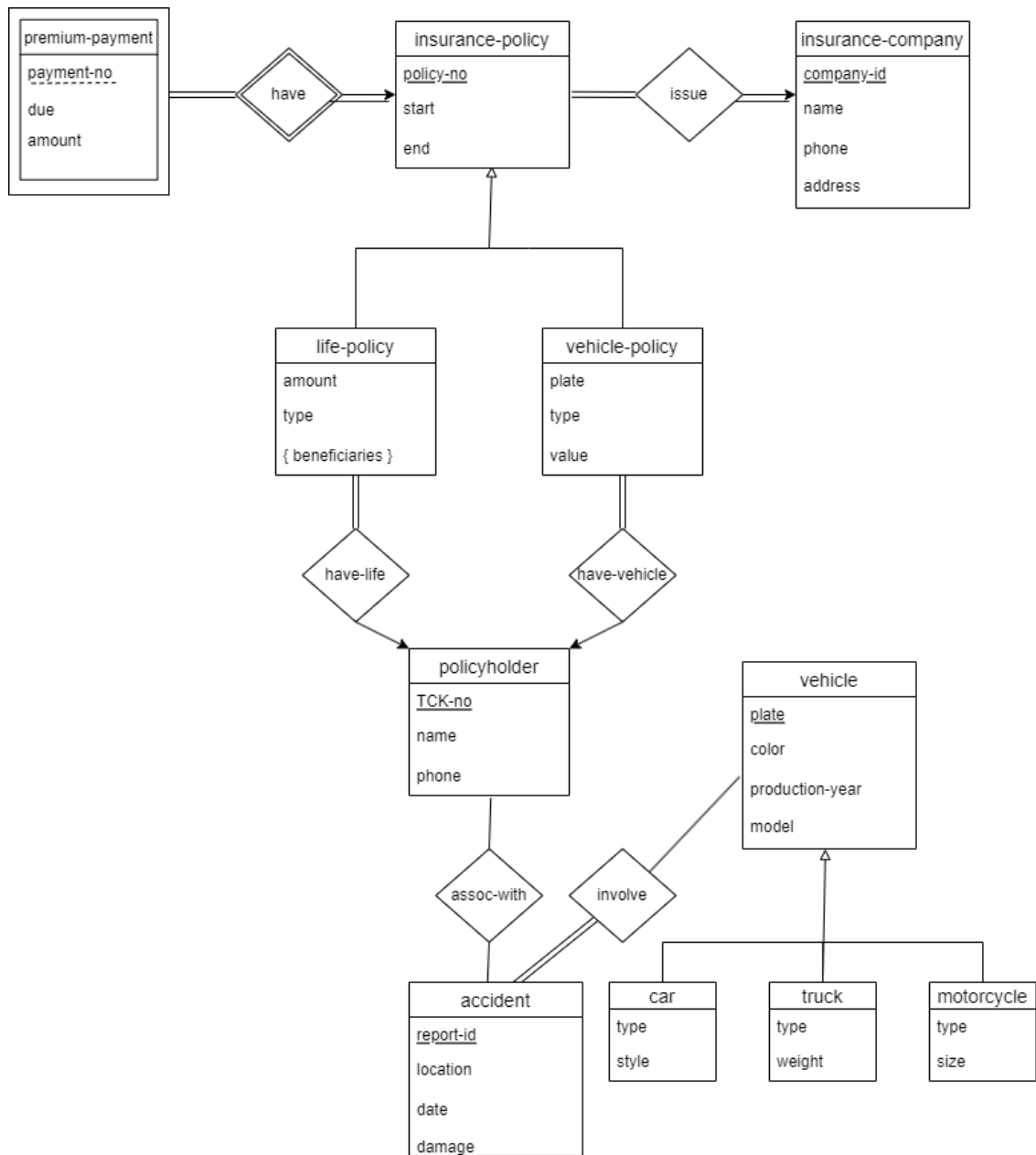# CS 353 Spring 2024
Homework 2 Solutions

Q.1 [70 points]

Q.2 [30 pts]

insurance-company(<u>company-id</u>, name, phone, address)

insurance-policy(<u>policy-no</u>, start, end, company-id)
      FK: company-id references insurance-company

premium-payment(<u>policy-no, payment-no</u>, due, amount)
      FK: policy-no references insurance-policy

policy-holder(<u>TCK-no</u>, name, phone)

life-policy(<u>policy-no</u>, amount, type, TCK-no)
      FK: policy-no references insurance-policy
      FK: TCK-no references policy-holder

beneficiaries(<u>policy-no, TCK-no</u>)
      FK: policy-no references life-policy

vehicle-policy(<u>policy-no</u>, plate, type, value, TCK-no)
      FK: policy-no references insurance-policy
      FK: TCK-no references policy-holder

accident(<u>report-id</u>, location, date, damage)

associated-with(<u>TCK-no, report-id</u>)
      FK: TCK-no references policy-holder
      FK: report-id references accident

vehicle(<u>plate</u>, color, production-year, model)

involve(<u>report-id, plate</u>)
      FK: report-id references accident
      FK: plate references vehicle

car(<u>plate</u>, type, style)
      FK: plate references vehicle

truck(<u>plate</u>, type, weight)
      FK: plate references vehicle

motorcycle(<u>plate</u>, type, size)
      FK: plate references vehicle