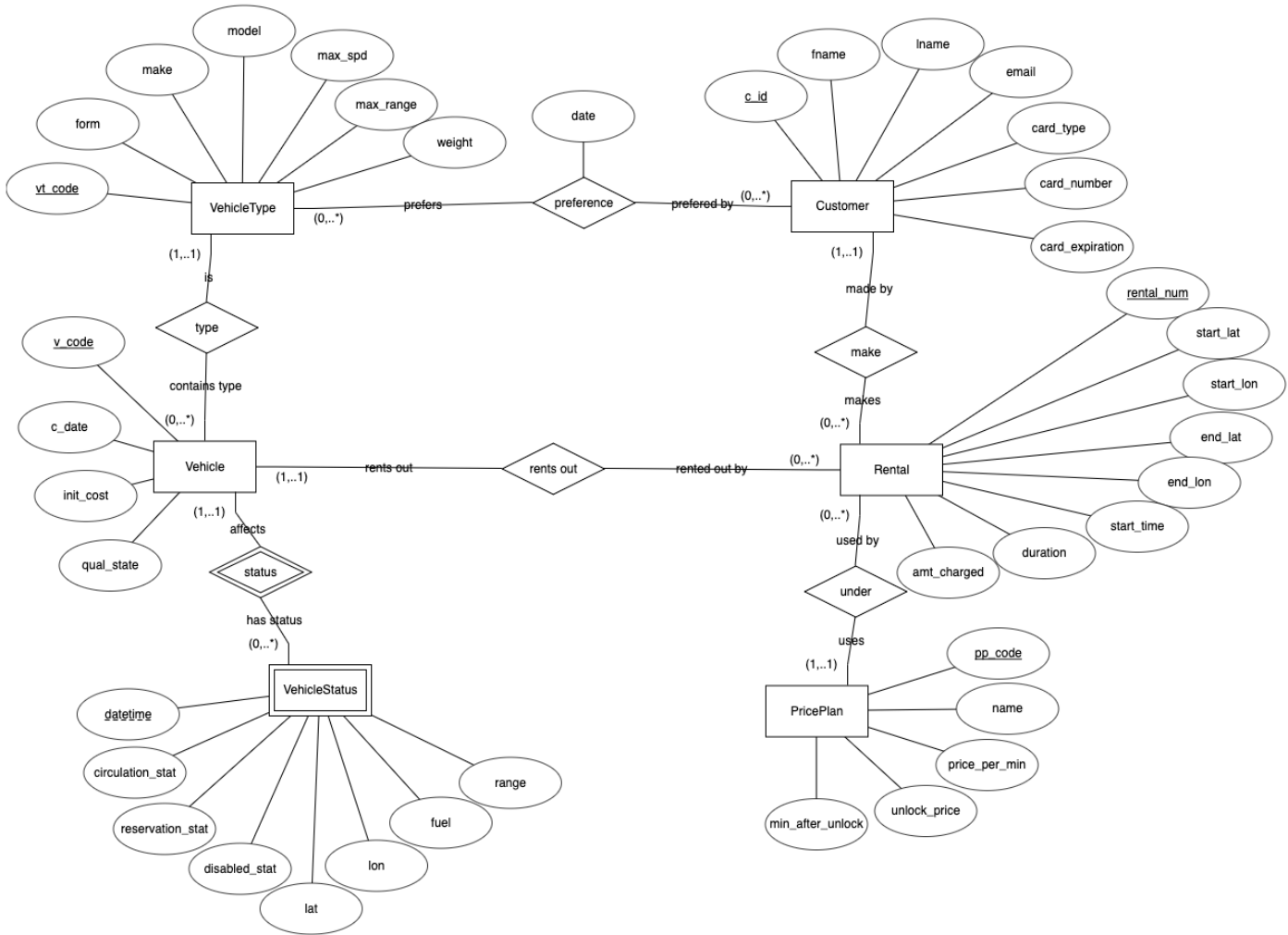


Samuel Sovi

40/40  
good

## DBMS hw #5

### Question 1:



(Question 2 on next page)

## Question 2:

VehicleType(**vt\_code**, form, make, model, max\_spd, max\_range, weight)

Vehicle(**v\_code**, c\_date, init\_cost, qual\_state, vt\_code)

- vt\_code is foreign key from VehicleType.vt\_code

VehicleStatus(**v\_code, datetime**, circulation\_stat, reservation\_stat, disabled\_stat, lat, lon, fuel, range)

- v\_code is foreign key from Vehicle.v\_code

Customer(**c\_id**, fname, lname, email, card\_type, card\_number, card\_expiration)

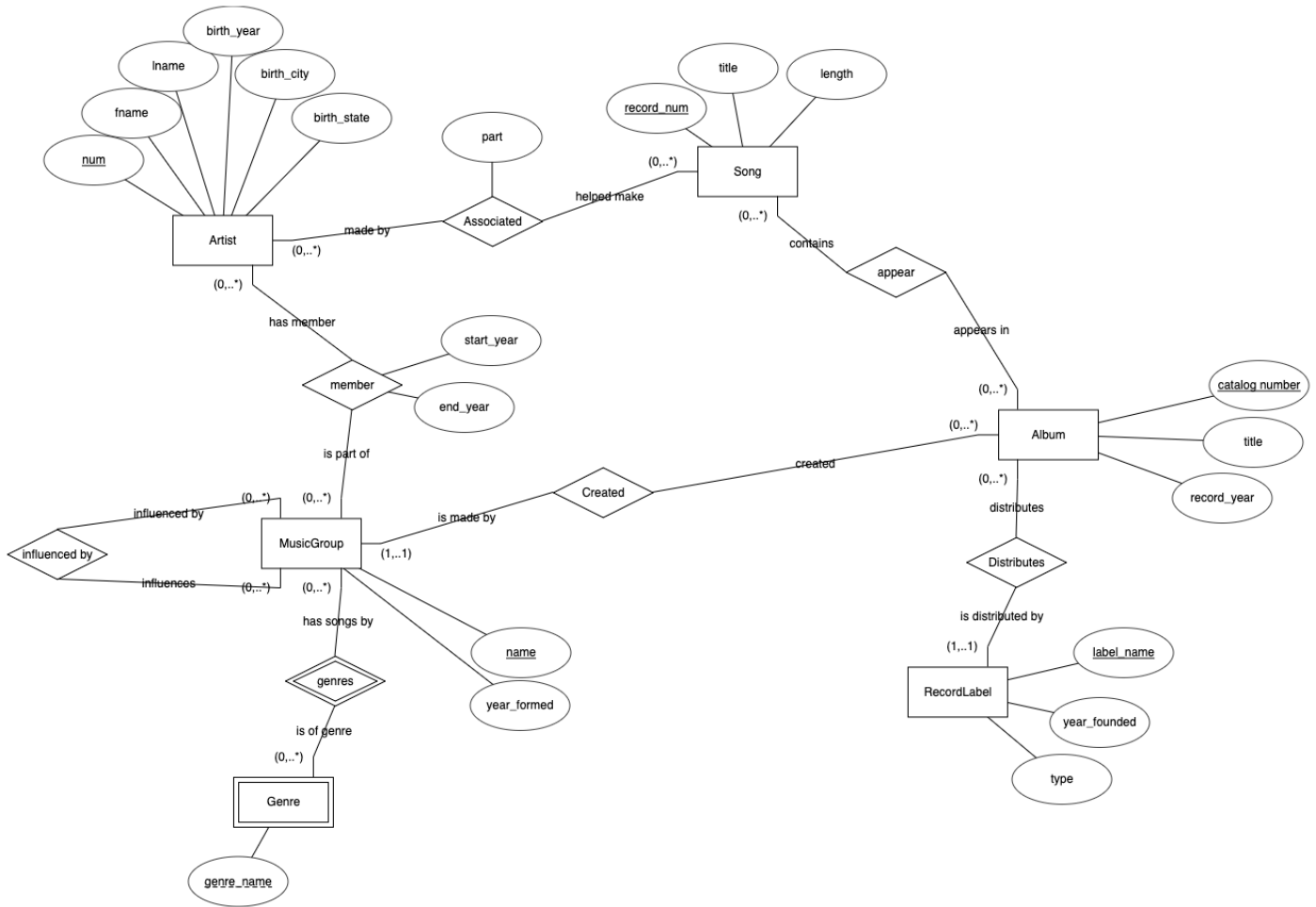
PricePlan(**pp\_code**, name, price\_per\_min, unlock\_price, min\_after\_unlock)

Rental(**rental\_num**, start\_lat, start\_lon, end\_lat, end\_lon, start\_time, duration, amt\_charged, c\_id, v\_code, pp\_code)

- c\_id is foreign key from Customer.c\_id
- v\_code is foreign key from Vehicle.v\_id
- pp\_code is foreign key from PricePlan.pp\_code

(Question 3 on next page)

### Question 3:



(Question 4 on next page)

#### Question 4:

Artist(**num**, fname, lname, birth\_year, birth\_city, birth\_state)

MusicGroup(**name**, year\_formed)

RecordLabel(**label\_name**, year\_founded, type)

Member(**a\_num**, **mg\_name**, start\_year, end\_year)

- a\_num is foreign key from Artist.num
- mg\_name is foreign key from MusicGroup.name

Genre(**mg\_name**, **genre\_name**)

- mg\_name is foreign key from MusicGroup.name

Album(**catalog\_number**, title, record\_year, mg\_name, label\_name)

- mg\_name is foreign key from MusicGroup.name
- label\_name is foreign key from RecordLabel.label\_name

Song(**record\_num**, title, length, a\_num)

- a\_name is foreign key from Album.catalog\_number

SongArtist(**s\_num**, **a\_num**, part)

- s\_num is foreign key from Song.record\_num
- a\_num is foreign key from Artist.num

Influence(**influencer**, **influenced**)

- influencer is foreign key from MusicGroup.name
- influenced is foreign key from MusicGroup.name