

CPSC 471 Fall 2022

Group 54 Project ERD

TA: Ahmed Al Marouf

Submission Date: 2022-10-08

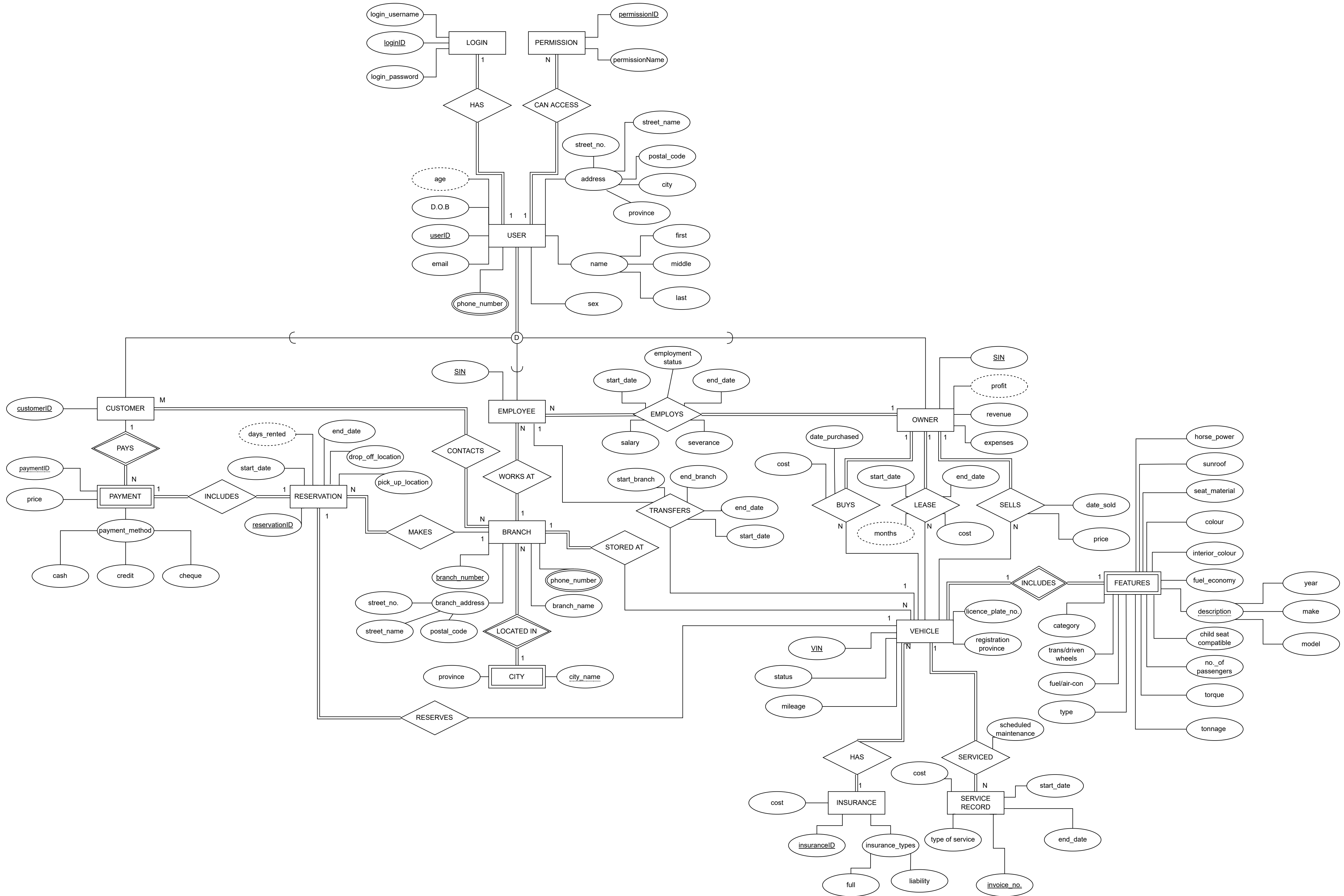
Canada Wide Car Rental Service

Group Members:

Marilyn Bulanda: 30097680

Mikhail Singh: 10138736

Shichao Han: 30126712



Assumptions for ERD:

- Payment can only be made with one payment method.
- Car rental insurance is included in the price.
- Every user needs to have a log in to use the system.
- Employee and owner users can have multiple permissions.
- Every user must be a customer, employee, or owner.
- Reservations must be made through the branch.
- Only one reservation can be made at a time.
- Reservations can only be for one vehicle.
- Vehicles can only be purchased, sold, or leased by the owner.
- One employee transfers one vehicle at a time.
- All branches must store at least some vehicles.
- Every vehicle needs to be serviced.
- Every vehicle needs to have insurance.