University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 2

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Group Number: 7

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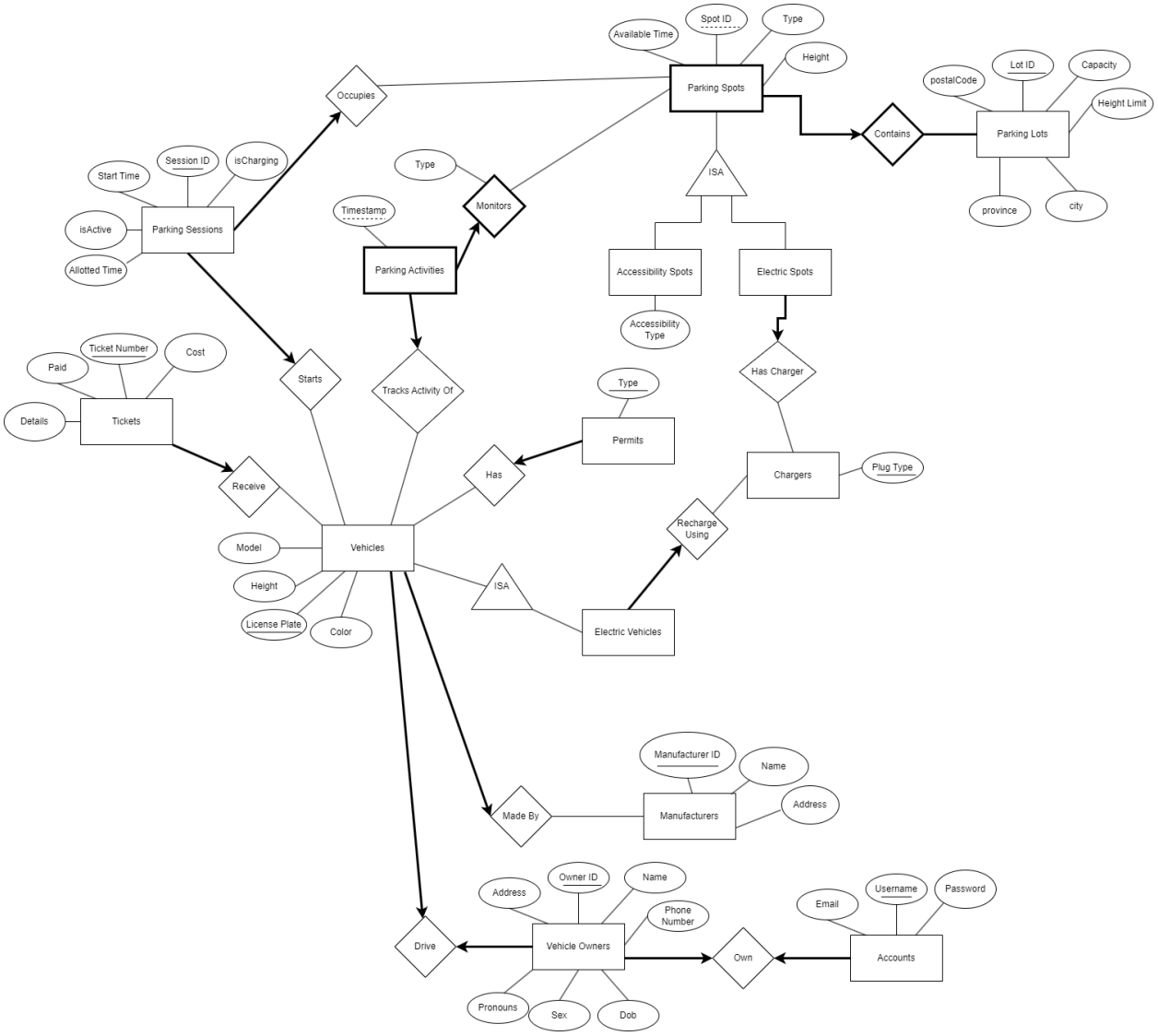
By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia.

Q2



(Link for Image)

Changes

- Updated subtype naming for Parking Spots and Vehicles for more clarity and to prevent naming conflicts
- Made electric vehicles' relationship with chargers full participation to indicate that every electric vehicle has to have the ability to recharge using a charger
- Remove type as primary key for permits. This is done so that multiple vehicles may have permits of the same types.
- Added postal code, province, and city attributes to parking lots to be more specific compared to location
- Added model attribute to vehicles for application statistic purposes

- Added pronouns, sex, date of birth attribute to vehicle owners for application statistic purposes
- Removed full participation for manufacturers and Vehicles. There may exist manufacturers that don't have any vehicles in the system
- Updated vehicles made by manufacturers relationship from one to one → one to many so that multiple vehicles can be made by same manufacturer
- Bolded weak entities that were not bolded before

Q3.

parkingLots(lotID: INT, capacity: INT, postalCode: CHAR(6), city: char(50), province: CHAR(2), heightLimit: INT)

- Primary Key: lotID
- Candidate Key: lotID
- Foreign Keys: None
- Other Constraints:
    - capacity: NOT NULL
    - postalCode: NOT NULL
    - city: NOT NULL
    - province: NOT NULL

parkingSpots(spotID: INT, **lotID: INT**, availableTime: INT, type: CHAR(100), height: INT)

- Primary Key: (spotID, lotID)
- Candidate Key: (spotID, lotID)
- Foreign Keys: lotID
- Other Constraints:
    - availableTime: NOT NULL
    - type: NOT NULL

accessibilitySpots(**spotID: INT**, accessibilityType: CHAR(100))

- Primary Key: spotID
- Candidate Key: spotID
- Foreign Keys: spotID
- Other Constraints:
    - accessibilityType: NOT NULL

electricSpots(**spotID: INT**, **plugType: CHAR(50)**)

- Primary Key: spotID
- Candidate Key: spotID
- Foreign Keys: spotID, plugType
- Other Constraints:
    - plugType: NOT NULL

chargers(plugType: CHAR(50))

- Primary Key: plugType
- Candidate Key: plugType
- Foreign Keys: None
- Other Constraints: None

parkingSessions(sessionID: INT, **licensePlate: CHAR(10)**, **spotID: INT**, **lotID: INT,** allottedTime: INT, isActive: BOOL, startTime: INT, isCharging: BOOL)

- Primary Key: sessionID

- Candidate Key: sessionID
- Foreign Keys: licensePlate, spotID, lotID
- Other Constraints:
    - licensePlate: NOT NULL
    - spotID: NOT NULL
    - lotID: NOT NULL
    - isActive: NOT NULL
    - startTime: NOT NULL
    - isCharging: NOT NULL
    - allottedTime: NOT NULL

vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100), model: CHAR(100))

- Primary Key: licensePlate
- Candidate Key: licensePlate, ownerID
- Foreign Keys: manufacturerID, ownerID
- Other Constraints:
    - manufacuturerID: NOT NULL
    - ownerID: NOT NULL
    - height: NOT NULL
    - color: NOT NULL
    - model: NOT NULL

electricVehicle(**licensePlate: CHAR(10)**, **plugType: CHAR(50))**

- Primary Key: licensePlate
- Candidate Key: licensePlate
- Foreign Keys: plugType
- Other Constraints:
    - plugType: NOT NULL

tickets(ticketNumber: INT, **licensePlate: CHAR(10)**, cost: INT, paid: BOOL, details: CHAR(100))

- Primary Key: ticketNumber
- Candidate Key: ticketNumber
- Foreign Keys: licensePlate
- Other Constraints:
    - licensePlate: NOT NULL
    - cost: NOT NULL
    - paid: NOT NULL

accounts(username: CHAR(100), password: char(100), email: CHAR(100))

- Primary Key: username
- Candidate Key: username, email
- Foreign Keys: None
- Other Constraints:

    - password: NOT NULL
    - email: NOT NULL and UNIQUE

vehicleOwner(ownerID: INT, **username: CHAR(100)**, name: CHAR(100), phoneNumber: CHAR(100), address: CHAR(100), pronouns: CHAR(100), sex: CHAR(100), dob: DATE)

- Primary Key: ownerID
- Candidate Key: ownerID
- Foreign Keys: username
- Other Constraints:
    - username: NOT NULL
    - name: NOT NULL
    - phoneNumber: NOT NULL
    - address: NOT NULL
    - pronouns: NOT NULL
    - sex: NOT NULL
    - dob: NOT NULL

manufacturer(manufacturerID: INT, name: CHAR(100), address: CHAR(100))

- Primary Key: manufacturerID
- Candidate Key: manufacturerID, Name
- Foreign Keys: None
- Other Constraints:
    - name: NOT NULL and UNIQUE
    - address: NOT NULL

parkingActivities(timeStamp: DATE, **licensePlate: CHAR(10)**, **spotID: INT**, **lotID: INT**, activityType: CHAR(50))

- Primary Key: (timeStamp, licensePlate, spotID, lotID)
- Candidate Key: (timeStamp, licensePlate, spotID, lotID)
- Foreign Keys: licensePlate, spotID, lotID
- Other Constraints:
    - activityType: NOT NULL
    - licensePlate: NOT NULL
    - spotID: NOT NULL
    - lotID: NOT NULL
    - timeStamp: NOT NULL

permits(**licensePlate: CHAR(10)**, type: CHAR(50))

- Primary Key: licensePlate
- Candidate Key: licensePlate
- Foreign Keys: licensePlate
- Other Constraints:
    - type: NOT NULL

Q4

parkingLots(lotID: INT, capacity: INT, postalCode: CHAR(6), city: char(50), province: CHAR(2), heightLimit: INT)

- lotID → capacity, location, heightLimit, city, province, postalCode
- postalCode → city, province

parkingSpots(spotID: INT, **lotID: INT**, availableTime: INT, type: CHAR(100), height: INT)

- spotID, lotID → availableTime, type, height

accessibilitySpots(**spotID: INT**, accessibilityType: CHAR(100))

- spotID → accessibility Type

electricSpots(**spotID: INT**, **plugType: CHAR(50)**)

- spotID → plugType

chargers(plugType: CHAR(50))

- None

parkingSessions(sessionID: INT, **licensePlate: CHAR(10)**, **spotID: INT**, **lotID: INT,** allottedTime: INT, isActive: BOOL, startTime: INT, isCharging: BOOL)

- sessionID → licensePlate, spotID, lotID, allottedTime, isActive, startTime, isCharging

vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100), model: CHAR(100))

- licensePlate → manufacturerID, ownerID, height, color
- ownerID → manufacturerID, licensePlate, height, color
- model → manufacturerID

electricVehicle(**licensePlate: CHAR(10)**, **plugType: CHAR(50))**

- licensePlate → plugType

tickets(ticketNumber: INT, **licensePlate: CHAR(10)**, cost: INT, paid: BOOL, details: CHAR(100))

- ticketNumber → licensePlate, cost, paid, details

accounts(username: CHAR(100), password: char(100), email: CHAR(100))

- userName → password, email
- email → userName, password

vehicleOwner(ownerID: INT, **username: CHAR(100)**, name: CHAR(100), phoneNumber: INT, address: CHAR(100), pronouns: CHAR(100), sex: CHAR(100), dob: DATE)

- ownerID → username, name, phoneNumber, address, pronouns, sex, dob
- address, phoneNumber → name, pronouns, sex, dob

manufacturer(ManufacturerID: INT, Name: CHAR(100), ADDRESS: CHAR(100))

- manufacturerID → name, address
- name → address, ManufacturerID

parkingActivities(timeStamp: INT, **licensePlate: CHAR(10)**, **spotID: INT**, **lotID: INT**, activityType: CHAR(50))

- timeStamp, licensePlate, spotID, lotID → activityType

permits(**licensePlate: CHAR(10)**, type: CHAR(50))

Q5.

Pre-Normalization:

parkingLots(lotID: INT, capacity: INT, postalCode: CHAR(6), city: CHAR(50), province: CHAR(2), heightLimit: INT)

- lotID → capacity, location, heightLimit, city, province, postalCode
- postalCode → city, province

vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100), model: CHAR(100))

- licensePlate → manufacturerID, ownerID, height, color
- ownerID → manufacturerID, licensePlate, height, color
- model → manufacturerID

vehicleOwner(ownerID: INT, **username: CHAR(100)**, name: CHAR(100), phoneNumber: CHAR(100), address: CHAR(100), pronouns: CHAR(100), sex: CHAR(100), dob: DATE)

- ownerID → username, name, phoneNumber, address, pronouns, sex, dob
- address, name → phoneNumber, pronouns, sex, dob

Post-Normalization (BCNF):

parkingLots(lotID: INT, capacity: INT, postalCode: CHAR(6), heightLimit: INT)

location(postalCode: CHAR(6)**,** city: CHAR(50), province: CHAR(2))

vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100))

model(modelName: CHAR(100), **ManufacturerID: INT**)

vehicleOwner(ownerID: INT, **username: CHAR(100)**, address: CHAR(100), name: CHAR(100))

personalDetails(address: CHAR(100), phoneNumber: INT, name: CHAR(100), pronouns: CHAR(100), sex: CHAR(100), dob: DATE)

Normalization Work (BCNF):

parkingLots(lotID: INT, capacity: INT, postalCode: CHAR(6), city: CHAR(50), province: CHAR(2), heightLimit: INT)
decomposition:

- lotID → capacity, location, heightLimit, city, province, postalCode
    - lotID is a key
- postalCode → city, province
    - postalCode is not a superkey: decompose
        - parkingLots((lotID, capacity, postalCode, heightLimit)
        - location(postalCode, city, province)

vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100), model: CHAR(100))

- licensePlate → manufacturerID, ownerID, height, color
    - licensePlate is a key
- ownerID → manufacturerID, licensePlate, height, color
- model → manufacturerID
    - Model is not a superkey therefore decompose
        - vehicle(licensePlate: CHAR(10), **manufacturerID: INT**, **ownerID: INT**, height: INT, color: CHAR(100))
        - model(modelName: CHAR(100), **ManufacturerID: INT**)

vehicleOwner(ownerID: INT, **username: CHAR(100)**, name: CHAR(100), phoneNumber: CHAR(100), address: CHAR(100), pronouns: CHAR(100), sex: CHAR(100), dob: DATE)

- ownerID → username, name, phoneNumber, address
    - ownerID is a key
- address, name → phoneNumber, pronouns, sex, dob
    - address, name is not a super key: decomponse
        - vehicleOwner(ownerID, **username**, address, name)
        - personalDetails(address, phoneNumber, name, pronouns, sex, dob)

Q6.

```
CREATE TABLE parkingSpots (
        spotID int,
        lotID int,
        availableTime int NOT NULL,
        type char(100) NOT NULL,
        height int,
        PRIMARY KEY (spotID, lotID),
        FOREIGN KEY (lotID) REFERENCES parkingLots ON DELETE CASCADE
);

CREATE TABLE accessibilitySpots (
        spotID int PRIMARY KEY,
        accessibilityType char(100) NOT NULL,
        FOREIGN KEY (spotID) REFERENCES parkingSpots ON DELETE CASCADE
);

CREATE TABLE electricSpots (
        spotID int PRIMARY KEY,
        plugType char(50) NOT NULL,
        FOREIGN KEY (spotID) REFERENCES parkingSpots(spotID) ON DELETE CASCADE,
        FOREIGN KEY (plugType) REFERENCES chargers ON DELETE CASCADE
);

CREATE TABLE chargers (
        plugType char(50) PRIMARY KEY
);

CREATE TABLE parkingSessions (
        sessionID int PRIMARY KEY,
        licensePlate char(10) NOT NULL,
        spotID int NOT NULL,
        lotID int NOT NULL,
        allottedTime int NOT NULL,
        isActive bool NOT NULL,
        startTime int NOT NULL,
        isCharging bool NOT NULL,
        FOREIGN KEY (licensePlate) REFERENCES vehicle ON DELETE
        CASCADE,
        FOREIGN KEY (spotID) REFERENCES parkingSpots ON DELETE CASCADE,
        FOREIGN KEY (lotID) REFERENCES parkingLots ON DELETE CASCADE
);
```

```
CREATE TABLE electricVehicle (
        licensePlate char(10) PRIMARY KEY,
        plugType char(50) NOT NULL,
        FOREIGN KEY (licensePlate) REFERENCES vehicle ON DELETE  CASCADE,
        FOREIGN KEY (plugType) REFERENCES chargers ON DELETE CASCADE
);

CREATE TABLE tickets (
        ticketNumber int PRIMARY KEY,
        licensePlate char(10) NOT NULL,
        cost int NOT NULL,
        paid bool NOT NULL,
        FOREIGN KEY (licensePlate) REFERENCES vehicle ON DELETE
        CASCADE
);

CREATE TABLE accounts (
        username char(100) PRIMARY KEY,
        password char(100) NOT NULL,
        email char(100) NOT NULL UNIQUE
);

CREATE TABLE manufacturer (
        manufacturerID int PRIMARY KEY,
        name char(100) NOT NULL UNIQUE,
        address char(100) NOT NULL
);

CREATE TABLE parkingActivities (
        timeStamp DATE PRIMARY KEY,
        licensePlate char(10) NOT NULL,
        spotID int NOT NULL,
        lotID int NOT NULL,
        activityType char(50) NOT NULL
        FOREIGN KEY (licensePlate) REFERENCES vehicle ON DELETE
        CASCADE,
        FOREIGN KEY (spotID) REFERENCES parkingSpots ON DELETE CASCADE,
        FOREIGN KEY (lotID) REFERENCES parkingLot ON DELETE CASCADE
);
```

```
CREATE TABLE permits (
        licensePlate char(10) PRIMARY KEY,
        type char(50) NOT NULL,
        FOREIGN KEY (licensePlate) REFERENCES vehicle ON DELETE
        CASCADE
);

CREATE TABLE parkingLots (
        lotID int PRIMARY KEY,
        capacity int NOT NULL,
        postalCode char(6) NOT NULL,
        heightLimit int
);

CREATE TABLE location (
        postalCode char(6) PRIMARY KEY,
        city char(50) NOT NULL,
        province char(2) NOT NULL
);

CREATE TABLE vehicle (
        licensePlate char(10) PRIMARY KEY,
        manufacturerID int NOT NULL,
        ownerID int NOT NULL,
        height int NOT NULL,
        color char(100) NOT NULL,
        FOREIGN KEY (manufacturer) REFERENCES manufacturer ON
        DELETE CASCADE,
        FOREIGN KEY (ownerID) REFERENCES vehicleOwner ON DELETE
        CASCADE
);

CREATE TABLE model (
        modelName char(100) PRIMARY KEY,
        manufacturerID int NOT NULL,
        FOREIGN KEY (manufacturerID) REFERENCES manufacturer ON
        DELETE CASCADE
);
```

```
CREATE TABLE vehicleOwner (
        ownerID int PRIMARY KEY,
        username char(100) NOT NULL,
        address char(100) NOT NULL,
        name char(100) NOT NULL,
        FOREIGN KEY (username) REFERENCES accounts ON DELETE
        CASCADE
);

CREATE TABLE personalDetails (
        address char(100),
        phoneNumber int,
        name char(100) NOT NULL,
        pronouns char(100) NOT NULL,
        sex char(100) NOT NULL,
        dob DATE NOT NULL,
        PRIMARY KEY (address, phoneNumber)
);
```

Q7.

parkingSpots:

INSERT INTO parkingSpots
VALUES (1, 1, 3600, “Reserved”, NULL);

INSERT INTO parkingSpots
VALUES (2, 1, 3600, “Reserved”, NULL);

INSERT INTO parkingSpots
VALUES (3, 1, 3600, “Reserved”, NULL);

INSERT INTO parkingSpots
VALUES (4, 1, 3600, “Reserved”, NULL);

INSERT INTO parkingSpots
VALUES (5, 1, 2700, “Normal”, NULL);

INSERT INTO parkingSpots
VALUES (6, 1, 2700, “Normal”, NULL);

INSERT INTO parkingSpots
VALUES (7, 1, 2700, “Normal”, NULL);

INSERT INTO parkingSpots
VALUES (8, 1, 7200, “VIP”, NULL);

INSERT INTO parkingSpots
VALUES (9, 1, 7200, “VIP”, NULL);

INSERT INTO parkingSpots
VALUES (10, 1, 7200, “VIP”, NULL);

accessibilitySpots:

INSERT INTO accessibilitySpots
VALUES (6, “Accessibility”);

INSERT INTO accessibilitySpots
VALUES (7, “Accessibility”);

INSERT INTO accessibilitySpots
VALUES (8, “Infant”);

INSERT INTO accessibilitySpots
VALUES (9, “Infant”);

INSERT INTO electricSpots
VALUES (10, “Infant”);

electricSpots:

INSERT INTO electricSpots
VALUES (1, “J1772”);

INSERT INTO electricSpots
VALUES (2, “J1772”);

INSERT INTO electricSpots
VALUES (3, “J1772”);

INSERT INTO electricSpots
VALUES (4, “J1772”);

INSERT INTO electricSpots
VALUES (5, “J1772”);

chargers:

INSERT INTO chargers
VALUES (“J1772”);

INSERT INTO chargers
VALUES (“Mennekes”);

INSERT INTO chargers
VALUES (“GB/T”);

INSERT INTO chargers
VALUES (“CCS1”);

INSERT INTO chargers
VALUES (“CHAdeMO”);

parkingSessions:

INSERT INTO parkingSessions
VALUES (1, “CF346E”, 1, 1, 10, True, 12:00, True);

INSERT INTO parkingSessions
VALUES (2, “CA762X”, 2, 1, 20, True, 13:00, True);

INSERT INTO parkingSessions
VALUES (3, “DE310T”, 3, 1, 30, True, 14:00, True);

INSERT INTO parkingSessions
VALUES (4, “XNK656”, 4, 1, 40, True, 15:00, True);

INSERT INTO parkingSessions
VALUES (5, “KD978P”, 5, 1, 50, True, 16:00, True);

electricVehicle:

INSERT INTO electricVehicle
VALUES (“CF346E”, “J1772”);

INSERT INTO electricVehicle
VALUES (“CA762X”, “J1772”);

INSERT INTO electricVehicle
VALUES (“DE310T”, “J1772”);

INSERT INTO electricVehicle
VALUES (“XNK656”, “J1772”);

INSERT INTO electricVehicle
VALUES (“KD978P”, “J1772”);

tickets

INSERT INTO tickets
VALUES (1, “CF346E”, 75, True);

INSERT INTO tickets
VALUES (2, “CA762X”, 75, True);

INSERT INTO tickets
VALUES (3, “DE310T”, 75, True);

INSERT INTO tickets
VALUES (4, “XNK656”, 75, True);

INSERT INTO tickets
VALUES (5, “KD978P”, 75, True);

accounts:

INSERT INTO accounts
VALUES (“username1”, “password1”, “email1@gmail.com”);

INSERT INTO accounts
VALUES (“username2”, “password2”, “email2@gmail.com”);

INSERT INTO accounts
VALUES (“username3”, “password3”, “email3@gmail.com”);

INSERT INTO accounts
VALUES (“username4”, “password4”, “email4@gmail.com”);

INSERT INTO accounts
VALUES (“username5”, “password5”, “email5@gmail.com”);

manufacturer:

INSERT INTO manufacturer
VALUES (1, “Tesla Motors”, “13101 Tesla Rd, Austin, TX 78725, USA”);

INSERT INTO manufacturer
VALUES (2, “Volkswagen Group”, “Berliner Ring 2, 38440 Wolfsburg, Germany”);

INSERT INTO manufacturer
VALUES (3, “Toyota Motor Corporation”, “Toyota-Cho, Toyota City, Aichi Prefecture 471-8571, Japan”);

INSERT INTO manufacturer
VALUES (4, “Ford Motor Company”, “1 American Road Dearborn, MI 48126 United States”);

INSERT INTO manufacturer
VALUES (5, “BMW”, “Petuelring 130, Munich, Germany”);

parkingActivities:

INSERT INTO parkingActivities
VALUES (“2022-10-14”, “CF346E”, 1, 1, “Parked”);

INSERT INTO parkingActivities
VALUES (“2022-10-14”, “CA762X”, 2, 1, “Parked”);

INSERT INTO parkingActivities
VALUES (“2022-10-14”, “DE310T”, 3, 1, “Parked”);

INSERT INTO parkingActivities
VALUES (“2022-10-14”, “XNK656”, 4, 1, “Parked”);

INSERT INTO parkingActivities
VALUES (“2022-10-14”, “KD978P”, 5, 1, “Parked”);

permits:

INSERT INTO permits
VALUES (“CF346E”, “Accessibility”);

INSERT INTO permits
VALUES (“CA762X”, “Accessibility”);

INSERT INTO permits
VALUES (“DE310T”, “Accessibility”);

INSERT INTO permits
VALUES (“XNK656”, “Accessibility”);

INSERT INTO permits
VALUES (“KD978P”, “Accessibility”);

parkingLots:

INSERT INTO parkingLots
VALUES (1, 50, “V6T1Z4”, NULL);

INSERT INTO parkingLots
VALUES (2, 100, “V6T1Z2”, NULL);

INSERT INTO parkingLots
VALUES (3, 150, “V6T2A1”, NULL);

INSERT INTO parkingLots
VALUES (4, 200, “V6T1Z3”, NULL);

INSERT INTO parkingLots
VALUES (5, 250, “V6T1Z1”, NULL);

location:

INSERT INTO location
VALUES (“V6T1Z4”, “Vancouver”, “BC”, NULL);

INSERT INTO location
VALUES (“V6T1Z2”, “Vancouver”, “BC”, NULL);

INSERT INTO location
VALUES (“V6T2A1”, “Vancouver”, “BC”, NULL);

INSERT INTO location
VALUES (“V6T1Z3”, “Vancouver”, “BC”, NULL);

INSERT INTO location
VALUES (“V6T1Z1”, “Vancouver”, “BC”, NULL);

vehicle

INSERT INTO vehicle
VALUES (“CF346E”, 1, 1, 144.5, “Pearl White”);

INSERT INTO vehicle
VALUES (“CA762X”, 1, 2, 168.4, “Solid Black”);

INSERT INTO vehicle
VALUES (“DE310T”, 1, 3, 144.3, “Midnight Silver Metallic”);

INSERT INTO vehicle
VALUES (“XNK656”, 1, 4, 162.4, “Deep Blue Metallic”);

INSERT INTO vehicle
VALUES (“KD978P”, 3, 5, 120.0, “Red”);

model

INSERT INTO model
VALUES (“Model S”, 1);

INSERT INTO model
VALUES (“Model 3”, 1);

INSERT INTO model
VALUES (“Model X”, 1);

INSERT INTO model
VALUES (“Model Y”, 1);

INSERT INTO model
VALUES (“Roadster”, 1);

INSERT INTO model
VALUES (“Prius Prime”, 3);

vehicleOwner

INSERT INTO vehicleOwner
VALUES (1, “username1”, “2553 Robson Street, Vancouver BC, Canada, V6B 3K9”, “Jim Wei”);

INSERT INTO vehicleOwner
VALUES (2, “username2”, “483 Robson Street, Vancouver BC, Canada, V6B 3K9”, “Ming Chun Wei”);

INSERT INTO vehicleOwner
VALUES (3, “username3”, “1601 Robson Street, Vancouver BC, Canada, V6B 3K9”, “Wei Jim”);

INSERT INTO vehicleOwner
VALUES (4, “username4”, “559 Hastings Street, Vancouver BC, Canada, V6C 1B4”, “Asad Dhorajiwala”);

INSERT INTO vehicleOwner
VALUES (5, “username5”, “124 Tolmie Street, Vancouver BC, Canada, V6A 4E6”, “Dhorajiwala Asad”);

personalDetails

INSERT INTO personalDetails
VALUES (“2553 Robson Street, Vancouver BC, Canada, V6B 3K9”, “604-555-0154”, “Jim Wei”, “They/Them/Theirs”, “Other”, “1950-10-15”);

INSERT INTO personalDetails
VALUES (“483 Robson Street, Vancouver BC, Canada, V6B 3K9”, “604-555-0163”, “Ming Chun Wei”, “She/Her/Hers”, “Female”, “1970-02-05”);

INSERT INTO personalDetails
VALUES (“1601 Robson Street, Vancouver BC, Canada, V6B 3K9”, “604-555-0181”, “Wei Jim”, “He/Him/His”, “Male”, “1999-05-25”);

INSERT INTO personalDetails
VALUES (“559 Hastings Street, Vancouver BC, Canada, V6C 1B4”, “604-555-0174”, “Asad Dhorajiwala”, “She/Her/Hers”, “Female”, “1984-01-29”);

INSERT INTO personalDetails
VALUES (“124 Tolmie Street, Vancouver BC, Canada, V6A 4E6”, “604-555-0132”, “Dhorajiwala Asad”, “He/Him/His”, “Male”, “1994-03-28”);