```sql
CREATE DATABASE electric_cars;
USE electric_cars;

CREATE TABLE users (
        `uid` VARCHAR(11),
    `name` VARCHAR(20) NOT NULL,
    `number` VARCHAR(20) UNIQUE NOT NULL,
    PRIMARY KEY(uid)
    );

CREATE TABLE guests (
        `gid` VARCHAR(11),
    `uid` VARCHAR(11),
    `temp` VARCHAR(20),
    `name` VARCHAR(20) NOT NULL,
    `number` VARCHAR(20) UNIQUE NOT NULL,
    PRIMARY KEY(gid),
    FOREIGN KEY (uid) REFERENCES users(uid)
);

CREATE TABLE registered (
        `registeredid` VARCHAR(11),
    `uid` VARCHAR(11) UNIQUE,
    `name` VARCHAR(20) NOT NULL,
    `number` VARCHAR(20) UNIQUE NOT NULL,
    `username` VARCHAR(20) UNIQUE NOT NULL,
    `password` VARCHAR(20) NOT NULL,
    PRIMARY KEY(registeredid),
    FOREIGN KEY (uid) REFERENCES users(uid)
);

CREATE TABLE vehicles (
        `vid` VARCHAR(11),
    `registeredid` VARCHAR(11),
    `brand` VARCHAR(50),
    `model` VARCHAR(20),
    `year` DATE,
    PRIMARY KEY(vid),
```

```sql
    FOREIGN KEY(registeredid) REFERENCES registered(registeredid)
);
CREATE TABLE cars (
        `cid` VARCHAR(11),
    `registeredid` VARCHAR(11),
    `vid` VARCHAR(11),
    `brand` VARCHAR(50),
    `model` VARCHAR(20),
    `year` DATE,
    PRIMARY KEY(cid),
    FOREIGN KEY(vid) REFERENCES vehicles(vid)
);

CREATE TABLE bikes (
        `bid` VARCHAR(11),
        `vid` VARCHAR(11),
    `registeredid` VARCHAR(11),
    `brand` VARCHAR(50),
    `model` VARCHAR(20),
    `year` DATE,
    PRIMARY KEY(bid),
    FOREIGN KEY(vid) REFERENCES vehicles(vid)
);

CREATE TABLE charging_stations(
        `sid` VARCHAR(11),
    `price` DECIMAL,
    `availability` BOOL,
    `location` VARCHAR(30),
    `sname` VARCHAR(20),
        PRIMARY KEY(sid)
);

CREATE TABLE basic (
        `sid` VARCHAR(11),
    `basicid` VARCHAR(11),
    `price` DECIMAL,
    `availability` BOOL,
    `location` VARCHAR(30),
    `sname` VARCHAR(20),
```

```sql
        PRIMARY KEY(basicid),
    FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);

CREATE TABLE fast (
        `sid` VARCHAR(11),
    `fastid` VARCHAR(11),
    `price` DECIMAL,
    `availability` BOOL,
    `location` VARCHAR(30),
    `sname` VARCHAR(20),
    `charging_speed` DECIMAL,
        PRIMARY KEY(fastid),
    FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);

CREATE TABLE solar (
        `sid` VARCHAR(11),
    `solarid` VARCHAR(11),
    `price` DECIMAL,
    `panel_capacity` DECIMAL,
    `availability` BOOL,
    `location` VARCHAR(30),
    `sname` VARCHAR(20),
        PRIMARY KEY(solarid),
    FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);

CREATE TABLE transactions (
        `tid` VARCHAR(11),
    `vid` VARCHAR(11),
    `uid` VARCHAR(11),
    `sid` VARCHAR(11),
    `start_time` DATE,
    `end_time` DATE,
    `amount_paid` DECIMAL,
    `status` VARCHAR(11),
    PRIMARY KEY(tid),
    FOREIGN KEY(vid) REFERENCES vehicles(vid),
    FOREIGN KEY(uid) REFERENCES users(uid),
```

```sql
        FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);
CREATE TABLE reservations (
        `rid` VARCHAR(11),
        `tid` VARCHAR(11),
    `vid` VARCHAR(11),
    `uid` VARCHAR(11),
    `sid` VARCHAR(11),
    `start_time` DATE,
    `end_time` DATE,
    `amount_paid` DECIMAL,
    `status` VARCHAR(11),
    PRIMARY KEY(rid),
    FOREIGN KEY(tid) REFERENCES transactions(tid),
    FOREIGN KEY(vid) REFERENCES vehicles(vid),
    FOREIGN KEY(uid) REFERENCES users(uid),
    FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);
*/
CREATE TABLE regular_transactions (
        `regularid` VARCHAR(11),
    `vid` VARCHAR(11),
    `tid` VARCHAR(11),
    `uid` VARCHAR(11),
    `sid` VARCHAR(11),
    `start_time` DATE,
    `end_time` DATE,
    `amount_paid` DECIMAL,
    `status` VARCHAR(11),
    PRIMARY KEY(regularid),
    FOREIGN KEY(tid) REFERENCES transactions(tid),
    FOREIGN KEY(vid) REFERENCES vehicles(vid),
    FOREIGN KEY(uid) REFERENCES users(uid),
    FOREIGN KEY(sid) REFERENCES charging_stations(sid)
);
```