



# Instruction SQL

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# Chaque instruction a été faites via le terminal en développant l'application en local.
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```
CREATE TABLE Ratings
(
    rating_id VARCHAR(36) NOT NULL PRIMARY KEY,
    name VARCHAR(40) NOT NULL,
    rate TINYINT(1) NOT NULL,
    message VARCHAR(150) NOT NULL,
    is_validate TINYINT(1) NULL
);
```

```
CREATE TABLE FormsContact
(
    form_contact_id VARCHAR(36) NOT NULL PRIMARY KEY,
    first_name VARCHAR(40) NOT NULL,
    last_name VARCHAR(40) NOT NULL,
    mail VARCHAR(255) NOT NULL,
    phone_number VARCHAR(10) NOT NULL,
    subject VARCHAR(80) NOT NULL,
    message TEXT(1000) NOT NULL
);
```

```
CREATE TABLE Options
(
    option_id VARCHAR(36) NOT NULL PRIMARY KEY,
    category VARCHAR(30) NOT NULL,
    name VARCHAR(40) NOT NULL
);
```

```
CREATE TABLE UsedCarsAd
(
    used_car_ad_id VARCHAR(36) NOT NULL PRIMARY KEY,
    name VARCHAR(40) NOT NULL,
    price DECIMAL(8, 2) NOT NULL,
    picture VARCHAR(255) NOT NULL,
    year DATE NOT NULL,
    gearbox VARCHAR(20) NOT NULL,
```

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    motorisation VARCHAR(10) NOT NULL,  
    description VARCHAR(255) NOT NULL  
);
```

```
CREATE TABLE OptionsForUsedCars  
(  
    option_id VARCHAR(36) NOT NULL,  
    used_car_ad_id VARCHAR(36) NOT NULL,  
    PRIMARY KEY(option_id, used_car_ad_id),  
    FOREIGN KEY (option_id) REFERENCES Options(option_id),  
    FOREIGN KEY (used_car_ad_id) REFERENCES UsedCarsAd(used_car_ad_id)  
);
```

```
CREATE TABLE Users  
(  
    user_id VARCHAR(36) NOT NULL PRIMARY KEY,  
    mail VARCHAR(255) NOT NULL,  
    password VARCHAR(255) NOT NULL,  
    first_name VARCHAR(40) NOT NULL,  
    last_name VARCHAR(40) NOT NULL,  
    address VARCHAR(255) NOT NULL,  
    birthdate DATE NOT NULL,  
    role VARCHAR(50) NOT NULL  
);
```

```
CREATE TABLE Admins  
(  
    admin_id VARCHAR(36) NOT NULL PRIMARY KEY,  
    level_admin VARCHAR(12) NOT NULL,  
    FOREIGN KEY (admin_id) REFERENCES Users(user_id)  
);
```

```
CREATE TABLE Schedules  
(  
    schedule_id VARCHAR(36) NOT NULL PRIMARY KEY,  
    days VARCHAR(8) NOT NULL,  
    hourly_start TIME NOT NULL,  
    hourly_end TIME NOT NULL,  
    hourly_start_opt TIME NULL,  
    hourly_end_opt TIME NULL,  
    managed_by VARCHAR(36) NULL,  
    FOREIGN KEY (managed_by) REFERENCES Admins(admin_id)  
);
```

```
CREATE TABLE RepairServices  
(  
    repair_service_id VARCHAR(36) NOT NULL PRIMARY KEY,  
    name VARCHAR(100) NOT NULL,  
    price DECIMAL (5, 2) NOT NULL,  
    picture VARCHAR(255) NOT NULL,  
    description VARCHAR(255) NOT NULL,  
    managed_by VARCHAR(36) NOT NULL,  
    FOREIGN KEY (managed_by) REFERENCES Admins(admin_id)  
);
```

```
CREATE TABLE UserRatingReview  
(  
    user_id VARCHAR(36) NOT NULL,  
    rating_id VARCHAR(36) NOT NULL,  
    PRIMARY KEY(user_id, rating_id),
```

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    FOREIGN KEY (user_id) REFERENCES Users(user_id),
    FOREIGN KEY (rating_id) REFERENCES Ratings(rating_id)
);
```

```
CREATE TABLE ContactFormHandlers
(
    user_id VARCHAR(36) NOT NULL,
    form_contact_id VARCHAR(36) NOT NULL,
    PRIMARY KEY(user_id, form_contact_id),
    FOREIGN KEY (user_id) REFERENCES Users(user_id),
    FOREIGN KEY (form_contact_id) REFERENCES FormsContact(form_contact_id)
);
```

```
CREATE TABLE UserCarListings
(
    user_id VARCHAR(36) NOT NULL,
    used_car_ad_id VARCHAR(36) NOT NULL,
    PRIMARY KEY(user_id, used_car_ad_id),
    FOREIGN KEY (user_id) REFERENCES Users(user_id),
    FOREIGN KEY (used_car_ad_id) REFERENCES UsedCarsAd(used_car_ad_id)
);
```

```
ALTER TABLE Users
    ADD COLUMN managed_by VARCHAR(36) NOT NULL,
    ADD CONSTRAINT managed_by FOREIGN KEY (managed_by) REFERENCES Admins(admin_id);
```

```
# chaque schedule_id est un UUID généré via le terminal ('uuidgen').

SHOW TABLES;
INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('81CFD706-FDB5-4DF8-9582-FA5B9AE0BDB3', 'mardi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('81CFD706-FDB5-4DF8-9582-FA5B9AE0BDB3', 'mardi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('D42B07E3-B662-494D-A2DF-303CE6FA5DE8', 'mercredi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('145ABA2B-DA4F-4958-AF32-C06BC6DE8152', 'jeudi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('8E2A2B87-4DE0-4DA0-9CDB-D62464ED6301', 'vendredi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('DD28AF97-D0CF-436E-AB9D-F05D7BD6E116', 'samedi', '08:00', '12:00', '14:00', '18:00');

INSERT INTO schedules (schedule_id, days, hourly_start, hourly_end, hourly_start_opt, hourly_end_opt)
    VALUES ('CFC35A80-8070-4453-8D16-415DAE7DD82D', 'dimanche', '08:00', '12:00', '14:00', '18:00');
```