

# Admin || Management Car

|                    |                            |
|--------------------|----------------------------|
| 🕒 Created          | @September 3, 2022 4:21 PM |
| 🕒 Last Edited Time | @September 3, 2022 8:12 PM |
| ▼ Type             | Technical Spec             |
| ▼ Status           | Completed 🏁                |
| 👤 Created By       |                            |
| 👤 Last Edited By   |                            |
| 👥 Stakeholders     |                            |

## Background

## User Stories

### Admin Story

1. sebelum menambahkan data car admin menambahkan data brand ,category dan model terlebih dahulu
2. admin masuk ke halaman Car Management
3. Sistem Menampilkan Data list
4. admin menekan tombol add car
5. sistem menampilkan tampilan untuk menambar car

6. admin memilih brand dan model ,category ,setelah itu menambahkan data sesuai yang tersedia di tampilan
7. admin menekan tombol save

## Goal

1. pada datalist car terdapat sorting dan filter
2. Menampilkan status active dan tidak active
3. terdapat action pada datalist yaitu view (sekalgus edit ), set non active , delete
4. pada saat tambah data maximal foto yang dapat di upload sebanyak 4
5. menggunakan dropzone untuk melakukan upload gambar

## Data Definition

### Data Car

#### Photo

photo dari car max (4)

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#### Brand

brand dari car (pilihan dari dropdown) ex :mitshubisi ,toyota

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#### Model

mobil dari car yang di pilih ex :avanza,veloz,pajero (sesuai dari brand yang di pilih)

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#### Category

Category car (mini bus ,SUV,sedan,pick up )

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#### Plate Nomor

Plat nomor kendaraan

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Year

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tahun pembuatan mobil (date Picker)

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**Fuel**

Bensin,dan solar (fix dropdown)

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**Transmision**

Manual ,Matic (fix Dropdown)

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**CC**

cc dari car (150,250,1300 nomor)

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**No Mesin**

Nomor mesin kendaraan

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**Seat**

jumlah kursi (nomor)

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**AC**

ketersediaan ac (pilih salah satu yes, no )

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**Air Bag**

Jumlah air bag

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**Rate per Hour**

Harga per jam dari sewa

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## Design / Mockup

Data list

<https://www.figma.com/file/RffxfvgcLf3rOT8kTH3sDZ/Easy-rent?node-id=35%3A466>

Create Car

<https://www.figma.com/file/RffxfvgcLf3rOT8kTH3sDZ/Easy-rent?node-id=37%3A1535>

## Database And Doc

Table Car

|  Name |  tags |  data type |  length |  example |  description |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <u>id</u>                                                                                |                                                                                          | int                                                                                           | 10                                                                                         |                                                                                             |                                                                                                   |
| <u>id_brand</u>                                                                          |                                                                                          | int                                                                                           | 11                                                                                         |                                                                                             |                                                                                                   |
| <u>id_type</u>                                                                           |                                                                                          | int                                                                                           | 11                                                                                         |                                                                                             |                                                                                                   |
| <u>id_categories</u>                                                                     |                                                                                          | int                                                                                           | 11                                                                                         |                                                                                             |                                                                                                   |
| <u>plate_no</u>                                                                          |                                                                                          | varchar                                                                                       | 25                                                                                         |                                                                                             |                                                                                                   |
| <u>fuel</u>                                                                              |                                                                                          | tinyint                                                                                       | 4                                                                                          |                                                                                             |                                                                                                   |
| <u>transmission</u>                                                                      |                                                                                          | tinyint                                                                                       | 4                                                                                          |                                                                                             |                                                                                                   |
| <u>machine_no</u>                                                                        |                                                                                          | varchar                                                                                       | 25                                                                                         |                                                                                             |                                                                                                   |
| <u>seat</u>                                                                              |                                                                                          | int                                                                                           | 11                                                                                         |                                                                                             |                                                                                                   |
| <u>ac</u>                                                                                |                                                                                          | tinyint                                                                                       | 4                                                                                          |                                                                                             |                                                                                                   |
| <u>air_bag</u>                                                                           |                                                                                          | varchar                                                                                       | 25                                                                                         |                                                                                             |                                                                                                   |
| <u>rate</u>                                                                              |                                                                                          | double                                                                                        | 0                                                                                          |                                                                                             |                                                                                                   |
| <u>image_1</u>                                                                           |                                                                                          | varchar                                                                                       | 255                                                                                        |                                                                                             |                                                                                                   |
| <u>image_2</u>                                                                           |                                                                                          | varchar                                                                                       | 255                                                                                        |                                                                                             |                                                                                                   |

| <u>Aa</u> Name | ≡ tags | ≡ data type | # length | ≡ example | ≡ description |
|----------------|--------|-------------|----------|-----------|---------------|
| <u>image_3</u> |        | varchar     | 255      |           |               |
| <u>image_4</u> |        | varchar     | 255      |           |               |

### Car Brand

| <u>Aa</u> Name | ≡ tags | ≡ data type | # length | ≡ example | ≡ description |
|----------------|--------|-------------|----------|-----------|---------------|
| <u>id</u>      |        | int         | 11       |           |               |
| <u>name</u>    |        | varchar     | 25       |           |               |

### Car Type

| <u>Aa</u> Name | ≡ tags | ≡ data type | # length | ≡ example | ≡ description |
|----------------|--------|-------------|----------|-----------|---------------|
| <u>id</u>      |        | int         | 11       |           |               |
| <u>name</u>    |        | varchar     | 25       |           |               |

### Car Model

| <u>Aa</u> Name | ≡ tags | ≡ data type | # length | ≡ example | ≡ description |
|----------------|--------|-------------|----------|-----------|---------------|
| <u>id</u>      |        | int         | 11       |           |               |
| <u>name</u>    |        | varchar     | 25       |           |               |

## Database Relation

SET FOREIGN\_KEY\_CHECKS=0;

```
CREATE TABLE easyrent.car (
  id int UNSIGNED NOT NULL,
  id_brand int NULL,
  id_type int NULL,
  id_categories int NULL,
  plate_no varchar(25) NULL,
  fuel tinyint NULL,
  transmision tinyint NULL,
  machine_no varchar(25) NULL,
  seat int NULL,
```

```

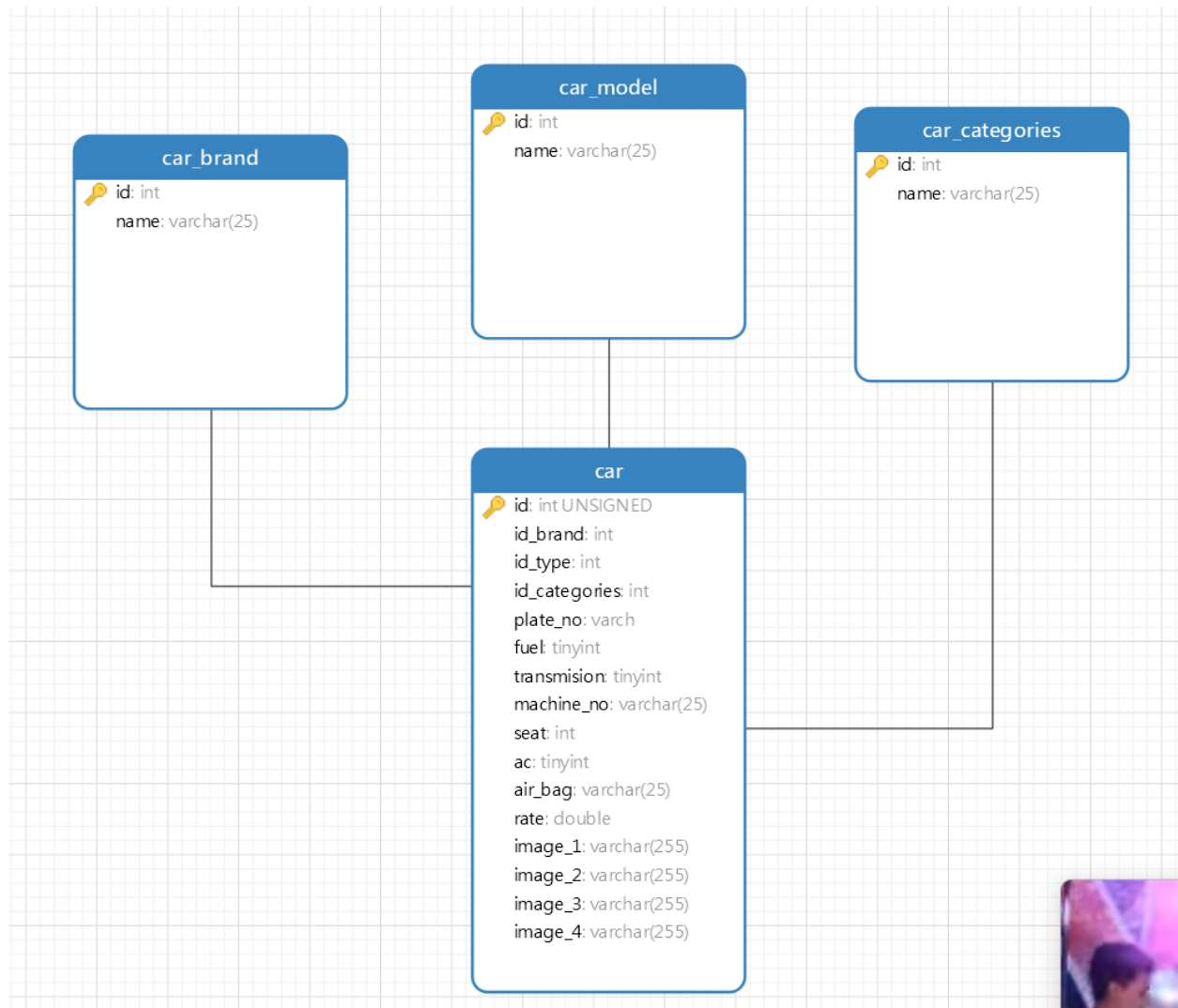
    ac tinyint NULL,
    air_bag varchar(25) NULL,
    rate double NULL,
    image_1 varchar(255) NULL,
    image_2 varchar(255) NULL,
    image_3 varchar(255) NULL,
    image_4 varchar(255) NULL,
    PRIMARY KEY ( id ),
    CONSTRAINT fk_car_car_brand_1 FOREIGN KEY ( id_brand ) REFERENCES
    easyrent . car_brand ( id ),
    CONSTRAINT fk_car_car_model_1 FOREIGN KEY ( id_brand ) REFERENCES
    easyrent . car_model ( id ),
    CONSTRAINT fk_car_car_categories_1 FOREIGN KEY ( id_categories ) REFERENCES
    easyrent . car_categories ( id )
);

CREATE TABLE easyrent . car_brand (
    id int NOT NULL,
    name varchar(25) NULL,
    PRIMARY KEY ( id )
);

CREATE TABLE easyrent . car_categories (
    id int NOT NULL,
    name varchar(25) NULL,
    PRIMARY KEY ( id )
);

CREATE TABLE easyrent . car_model (
    id int NOT NULL,
    name varchar(25) NULL,
    PRIMARY KEY ( id )
);

```



## Task