-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='TRADITIONAL,ALLOW\_INVALID\_DATES';

-- -----------------------------------------------------

-- Schema DealerCar2

-- -----------------------------------------------------

-- -----------------------------------------------------

-- Schema DealerCar2

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `DealerCar2` DEFAULT CHARACTER SET utf8 COLLATE utf8\_general\_ci ;

USE `DealerCar2` ;

-- -----------------------------------------------------

-- Table `DealerCar2`.`fabricantes`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`fabricantes` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC) COMMENT '')

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`modelos`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`modelos` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

`id\_fabricante` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC) COMMENT '',

INDEX `fk\_modelos\_fabricantes\_idx` (`id\_fabricante` ASC) COMMENT '',

CONSTRAINT `fk\_modelos\_fabricantes`

FOREIGN KEY (`id\_fabricante`)

REFERENCES `DealerCar2`.`fabricantes` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`cores`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`cores` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC) COMMENT '')

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`categorias`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`categorias` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

`vlr\_diaria` DECIMAL UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC) COMMENT '')

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`carros`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`carros` (

`placa` CHAR(7) NOT NULL COMMENT '',

`ano` CHAR(4) NOT NULL COMMENT '',

`situacao` ENUM('Locado', 'Disponivel', 'Em Manutenção') NOT NULL COMMENT '',

`id\_cor` INT UNSIGNED NOT NULL COMMENT '',

`id\_modelo` INT UNSIGNED NOT NULL COMMENT '',

`id\_categoria` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`placa`) COMMENT '',

INDEX `fk\_carros\_cores1\_idx` (`id\_cor` ASC) COMMENT '',

INDEX `fk\_carros\_modelos1\_idx` (`id\_modelo` ASC) COMMENT '',

INDEX `fk\_carros\_categorias1\_idx` (`id\_categoria` ASC) COMMENT '',

UNIQUE INDEX `placa\_UNIQUE` (`placa` ASC) COMMENT '',

CONSTRAINT `fk\_carros\_cores1`

FOREIGN KEY (`id\_cor`)

REFERENCES `DealerCar2`.`cores` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_carros\_modelos1`

FOREIGN KEY (`id\_modelo`)

REFERENCES `DealerCar2`.`modelos` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_carros\_categorias1`

FOREIGN KEY (`id\_categoria`)

REFERENCES `DealerCar2`.`categorias` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`cidades`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`cidades` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

`uf` CHAR(2) NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC) COMMENT '',

UNIQUE INDEX `uf\_UNIQUE` (`uf` ASC) COMMENT '')

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`funcionarios`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`funcionarios` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

`data\_nasc` DATE NOT NULL COMMENT '',

`endereco` VARCHAR(60) NULL COMMENT '',

`telefone` VARCHAR(15) NOT NULL COMMENT '',

`id\_cidade` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

INDEX `fk\_funcionarios\_cidades1\_idx` (`id\_cidade` ASC) COMMENT '',

CONSTRAINT `fk\_funcionarios\_cidades1`

FOREIGN KEY (`id\_cidade`)

REFERENCES `DealerCar2`.`cidades` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`clientes`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`clientes` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`nome` VARCHAR(45) NOT NULL COMMENT '',

`data\_nasc` DATE NOT NULL COMMENT '',

`nome\_mae` VARCHAR(45) NULL COMMENT '',

`telefone` VARCHAR(15) NOT NULL COMMENT '',

`rg` VARCHAR(20) NULL COMMENT '',

`cpf` VARCHAR(11) NOT NULL COMMENT '',

`email` VARCHAR(45) NULL COMMENT '',

`endereco` VARCHAR(45) NOT NULL COMMENT '',

`id\_cidade` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

UNIQUE INDEX `cpf\_UNIQUE` (`cpf` ASC) COMMENT '',

INDEX `fk\_clientes\_cidades1\_idx` (`id\_cidade` ASC) COMMENT '',

CONSTRAINT `fk\_clientes\_cidades1`

FOREIGN KEY (`id\_cidade`)

REFERENCES `DealerCar2`.`cidades` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`reservas`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`reservas` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`situacao` ENUM('Ativo', 'Cancelado') NOT NULL COMMENT '',

`data` DATE NOT NULL COMMENT '',

`id\_modelo` INT UNSIGNED NOT NULL COMMENT '',

`id\_cliente` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

INDEX `fk\_reservas\_modelos1\_idx` (`id\_modelo` ASC) COMMENT '',

INDEX `fk\_reservas\_clientes1\_idx` (`id\_cliente` ASC) COMMENT '',

CONSTRAINT `fk\_reservas\_modelos1`

FOREIGN KEY (`id\_modelo`)

REFERENCES `DealerCar2`.`modelos` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_reservas\_clientes1`

FOREIGN KEY (`id\_cliente`)

REFERENCES `DealerCar2`.`clientes` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`devolucoes`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`devolucoes` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`data` DATETIME NOT NULL COMMENT '',

`quilometragem` INT NOT NULL COMMENT '',

`qtde\_diarias` INT NOT NULL COMMENT '',

`placa` CHAR(7) NOT NULL COMMENT '',

`vlr\_total` DECIMAL UNSIGNED NOT NULL COMMENT '',

`id\_funcionario` INT UNSIGNED NOT NULL COMMENT '',

`id\_cliente` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

INDEX `fk\_devolucoes\_funcionarios1\_idx` (`id\_funcionario` ASC) COMMENT '',

INDEX `fk\_devolucoes\_clientes1\_idx` (`id\_cliente` ASC) COMMENT '',

CONSTRAINT `fk\_devolucoes\_carros1`

FOREIGN KEY (`placa`)

REFERENCES `DealerCar2`.`carros` (`placa`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_devolucoes\_funcionarios1`

FOREIGN KEY (`id\_funcionario`)

REFERENCES `DealerCar2`.`funcionarios` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_devolucoes\_clientes1`

FOREIGN KEY (`id\_cliente`)

REFERENCES `DealerCar2`.`clientes` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `DealerCar2`.`retiradas`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `DealerCar2`.`retiradas` (

`id` INT UNSIGNED NOT NULL AUTO\_INCREMENT COMMENT '',

`data\_retirada` DATE NOT NULL COMMENT '',

`quilometragem` INT UNSIGNED NOT NULL COMMENT '',

`placa` CHAR(7) NOT NULL COMMENT '',

`id\_cliente` INT UNSIGNED NOT NULL COMMENT '',

`id\_funcionario` INT UNSIGNED NOT NULL COMMENT '',

PRIMARY KEY (`id`) COMMENT '',

INDEX `fk\_retiradas\_clientes1\_idx` (`id\_cliente` ASC) COMMENT '',

INDEX `fk\_retiradas\_funcionarios1\_idx` (`id\_funcionario` ASC) COMMENT '',

INDEX `fk\_retiradas\_carros1\_idx` (`placa` ASC) COMMENT '',

CONSTRAINT `fk\_retiradas\_clientes1`

FOREIGN KEY (`id\_cliente`)

REFERENCES `DealerCar2`.`clientes` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_retiradas\_funcionarios1`

FOREIGN KEY (`id\_funcionario`)

REFERENCES `DealerCar2`.`funcionarios` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_retiradas\_carros1`

FOREIGN KEY (`placa`)

REFERENCES `DealerCar2`.`carros` (`placa`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;