-- 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='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

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-- Schema mydb

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CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

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

-- Table `mydb`.`usuario`

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CREATE TABLE IF NOT EXISTS `mydb`.`usuario` (

`dni` VARCHAR(45) NOT NULL,

`nombre` VARCHAR(45) NOT NULL,

`password` VARCHAR(45) NOT NULL,

`perfil` VARCHAR(45) NOT NULL,

PRIMARY KEY (`dni`))

ENGINE = InnoDB;

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-- Table `mydb`.`servicio`

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CREATE TABLE IF NOT EXISTS `mydb`.`servicio` (

`nombre` VARCHAR(45) NOT NULL,

`precio` INT NOT NULL,

PRIMARY KEY (`nombre`))

ENGINE = InnoDB;

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-- Table `mydb`.`cliente`

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

CREATE TABLE IF NOT EXISTS `mydb`.`cliente` (

`dni` VARCHAR(45) NOT NULL,

`nombre` VARCHAR(45) NOT NULL,

`apellidos` VARCHAR(45) NOT NULL,

PRIMARY KEY (`dni`))

ENGINE = InnoDB;

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-- Table `mydb`.`vehiculo`

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

CREATE TABLE IF NOT EXISTS `mydb`.`vehiculo` (

`matricula` VARCHAR(45) NOT NULL,

`marca` VARCHAR(45) NOT NULL,

`modelo` VARCHAR(45) NOT NULL,

`cliente\_dni` VARCHAR(45) NOT NULL,

PRIMARY KEY (`matricula`),

INDEX `fk\_vehiculo\_cliente1\_idx` (`cliente\_dni` ASC) VISIBLE,

CONSTRAINT `fk\_vehiculo\_cliente1`

FOREIGN KEY (`cliente\_dni`)

REFERENCES `mydb`.`cliente` (`dni`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`orden`

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

CREATE TABLE IF NOT EXISTS `mydb`.`orden` (

`referencia` VARCHAR(45) NOT NULL,

`estado` VARCHAR(45) NOT NULL,

`proceso` VARCHAR(45) NOT NULL,

`fecha\_ingreso` DATE NOT NULL,

`mecanico\_dni` VARCHAR(45) NOT NULL,

`servicio\_nombre` VARCHAR(45) NOT NULL,

`vehiculo\_matricula` VARCHAR(45) NOT NULL,

`descripcion` VARCHAR(255) NULL,

`fecha\_salida` DATE NULL,

PRIMARY KEY (`referencia`),

INDEX `fk\_orden\_mecanico1\_idx` (`mecanico\_dni` ASC) VISIBLE,

INDEX `fk\_orden\_servicio1\_idx` (`servicio\_nombre` ASC) VISIBLE,

INDEX `fk\_orden\_vehiculo1\_idx` (`vehiculo\_matricula` ASC) VISIBLE,

CONSTRAINT `fk\_orden\_mecanico1`

FOREIGN KEY (`mecanico\_dni`)

REFERENCES `mydb`.`usuario` (`dni`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_orden\_servicio1`

FOREIGN KEY (`servicio\_nombre`)

REFERENCES `mydb`.`servicio` (`nombre`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_orden\_vehiculo1`

FOREIGN KEY (`vehiculo\_matricula`)

REFERENCES `mydb`.`vehiculo` (`matricula`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`factura`

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

CREATE TABLE IF NOT EXISTS `mydb`.`factura` (

`referencia` INT NOT NULL,

`orden\_referencia` VARCHAR(45) NOT NULL,

`fecha` VARCHAR(45) NULL,

`total` DOUBLE NULL,

PRIMARY KEY (`referencia`),

INDEX `fk\_factura\_orden\_idx` (`orden\_referencia` ASC) VISIBLE,

CONSTRAINT `fk\_factura\_orden`

FOREIGN KEY (`orden\_referencia`)

REFERENCES `mydb`.`orden` (`referencia`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`almacen`

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

CREATE TABLE IF NOT EXISTS `mydb`.`almacen` (

`id\_pieza` INT NOT NULL,

`nombre\_pieza` VARCHAR(45) NOT NULL,

`stock` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id\_pieza`))

ENGINE = InnoDB;

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

-- Table `mydb`.`proveedor`

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

CREATE TABLE IF NOT EXISTS `mydb`.`proveedor` (

`nombre` VARCHAR(45) NOT NULL,

`almacen\_id\_pieza` INT NOT NULL,

PRIMARY KEY (`nombre`),

INDEX `fk\_proveedor\_almacen1\_idx` (`almacen\_id\_pieza` ASC) VISIBLE,

CONSTRAINT `fk\_proveedor\_almacen1`

FOREIGN KEY (`almacen\_id\_pieza`)

REFERENCES `mydb`.`almacen` (`id\_pieza`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`repuesto`

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

CREATE TABLE IF NOT EXISTS `mydb`.`repuesto` (

`id\_repuesto` INT NOT NULL,

`cantidad` INT NOT NULL,

`orden\_referencia` VARCHAR(45) NOT NULL,

`almacen\_id\_pieza` INT NOT NULL,

PRIMARY KEY (`id\_repuesto`),

INDEX `fk\_repuesto\_orden1\_idx` (`orden\_referencia` ASC) VISIBLE,

INDEX `fk\_repuesto\_almacen1\_idx` (`almacen\_id\_pieza` ASC) VISIBLE,

CONSTRAINT `fk\_repuesto\_orden1`

FOREIGN KEY (`orden\_referencia`)

REFERENCES `mydb`.`orden` (`referencia`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_repuesto\_almacen1`

FOREIGN KEY (`almacen\_id\_pieza`)

REFERENCES `mydb`.`almacen` (`id\_pieza`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`cita`

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

CREATE TABLE IF NOT EXISTS `mydb`.`cita` (

`id\_cita` INT NOT NULL,

`fecha` DATE NOT NULL,

`vehiculo\_matricula` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id\_cita`),

INDEX `fk\_cita\_vehiculo1\_idx` (`vehiculo\_matricula` ASC) VISIBLE,

CONSTRAINT `fk\_cita\_vehiculo1`

FOREIGN KEY (`vehiculo\_matricula`)

REFERENCES `mydb`.`vehiculo` (`matricula`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`pedidos`

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

CREATE TABLE IF NOT EXISTS `mydb`.`pedidos` (

`id` INT NOT NULL,

`fecha` DATE NOT NULL,

`estado` VARCHAR(45) NOT NULL,

`total` DOUBLE NOT NULL,

PRIMARY KEY (`id`))

ENGINE = InnoDB;

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

-- Table `mydb`.`solicitud`

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

CREATE TABLE IF NOT EXISTS `mydb`.`solicitud` (

`pedidos\_id` INT NOT NULL,

`orden\_referencia` VARCHAR(45) NOT NULL,

INDEX `fk\_solicitud\_pedidos\_pedidos1\_idx` (`pedidos\_id` ASC) VISIBLE,

INDEX `fk\_solicitud\_pedidos\_orden1\_idx` (`orden\_referencia` ASC) VISIBLE,

CONSTRAINT `fk\_solicitud\_pedidos\_pedidos1`

FOREIGN KEY (`pedidos\_id`)

REFERENCES `mydb`.`pedidos` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_solicitud\_pedidos\_orden1`

FOREIGN KEY (`orden\_referencia`)

REFERENCES `mydb`.`orden` (`referencia`)

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;