**SCRIPT BASES DE DATOS DEL PROYECTO**



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-- MySQL Script generated by MySQL Workbench

-- Wed Mar 20 12:22:34 2024

-- Model: New Model Version: 1.0

-- 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';

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

-- Schema mydb

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

DROP SCHEMA IF EXISTS `mydb` ;

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

-- Schema mydb

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

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

USE `mydb` ;

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

-- Table `mydb`.`persona`

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

DROP TABLE IF EXISTS `mydb`.`persona` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(20) NOT NULL,

`apellidos` VARCHAR(30) NOT NULL,

`tipo\_documento` VARCHAR(30) NOT NULL,

`numero\_documento` VARCHAR(25) NOT NULL,

`edad` SMALLINT(2) NULL,

`pais` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id`))

ENGINE = InnoDB;

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

-- Table `mydb`.`colaborador`

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

DROP TABLE IF EXISTS `mydb`.`colaborador` ;

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

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

`cargo` VARCHAR(30) NOT NULL,

`nivel\_acceso` SMALLINT(3) NOT NULL,

`fecha\_creación` DATE NULL,

`persona\_id` INT NOT NULL,

PRIMARY KEY (`nombre\_colaborador`),

INDEX `fk\_colaborador\_persona1\_idx` (`persona\_id` ASC) VISIBLE,

CONSTRAINT `fk\_colaborador\_persona1`

FOREIGN KEY (`persona\_id`)

REFERENCES `mydb`.`persona` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`inventario`

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

DROP TABLE IF EXISTS `mydb`.`inventario` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`stock` VARCHAR(45) NOT NULL,

`ingreso` DATE NOT NULL,

PRIMARY KEY (`id`))

ENGINE = InnoDB;

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

-- Table `mydb`.`categorias`

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

DROP TABLE IF EXISTS `mydb`.`categorias` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id`))

ENGINE = InnoDB;

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

-- Table `mydb`.`productos`

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

DROP TABLE IF EXISTS `mydb`.`productos` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(80) NOT NULL,

`precio` INT NOT NULL,

`inventario\_id` INT NOT NULL,

`categorias\_id` INT NOT NULL,

PRIMARY KEY (`id`),

INDEX `fk\_Productos\_inventario1\_idx` (`inventario\_id` ASC) VISIBLE,

INDEX `fk\_productos\_categorias1\_idx` (`categorias\_id` ASC) VISIBLE,

CONSTRAINT `fk\_Productos\_inventario1`

FOREIGN KEY (`inventario\_id`)

REFERENCES `mydb`.`inventario` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_productos\_categorias1`

FOREIGN KEY (`categorias\_id`)

REFERENCES `mydb`.`categorias` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`cliente`

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

DROP TABLE IF EXISTS `mydb`.`cliente` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(20) NOT NULL,

`apellidos` VARCHAR(45) NOT NULL,

`tipo\_documento` VARCHAR(25) NOT NULL,

`numero\_documento` VARCHAR(25) NOT NULL,

`fecha\_compra` DATE NOT NULL,

`colaborador\_nombre\_colaborador` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id`),

INDEX `fk\_cliente\_colaborador1\_idx` (`colaborador\_nombre\_colaborador` ASC) VISIBLE,

CONSTRAINT `fk\_cliente\_colaborador1`

FOREIGN KEY (`colaborador\_nombre\_colaborador`)

REFERENCES `mydb`.`colaborador` (`nombre\_colaborador`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`factura`

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

DROP TABLE IF EXISTS `mydb`.`factura` ;

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

`id` INT NOT NULL AUTO\_INCREMENT,

`cliente\_id` INT NOT NULL,

`productos\_id` INT NOT NULL,

`colaborador\_nombre\_colaborador` VARCHAR(45) NOT NULL,

PRIMARY KEY (`id`),

INDEX `fk\_factura\_cliente1\_idx` (`cliente\_id` ASC) VISIBLE,

INDEX `fk\_factura\_productos1\_idx` (`productos\_id` ASC) VISIBLE,

INDEX `fk\_factura\_colaborador1\_idx` (`colaborador\_nombre\_colaborador` ASC) VISIBLE,

CONSTRAINT `fk\_factura\_cliente1`

FOREIGN KEY (`cliente\_id`)

REFERENCES `mydb`.`cliente` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_factura\_productos1`

FOREIGN KEY (`productos\_id`)

REFERENCES `mydb`.`productos` (`id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_factura\_colaborador1`

FOREIGN KEY (`colaborador\_nombre\_colaborador`)

REFERENCES `mydb`.`colaborador` (`nombre\_colaborador`)

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;