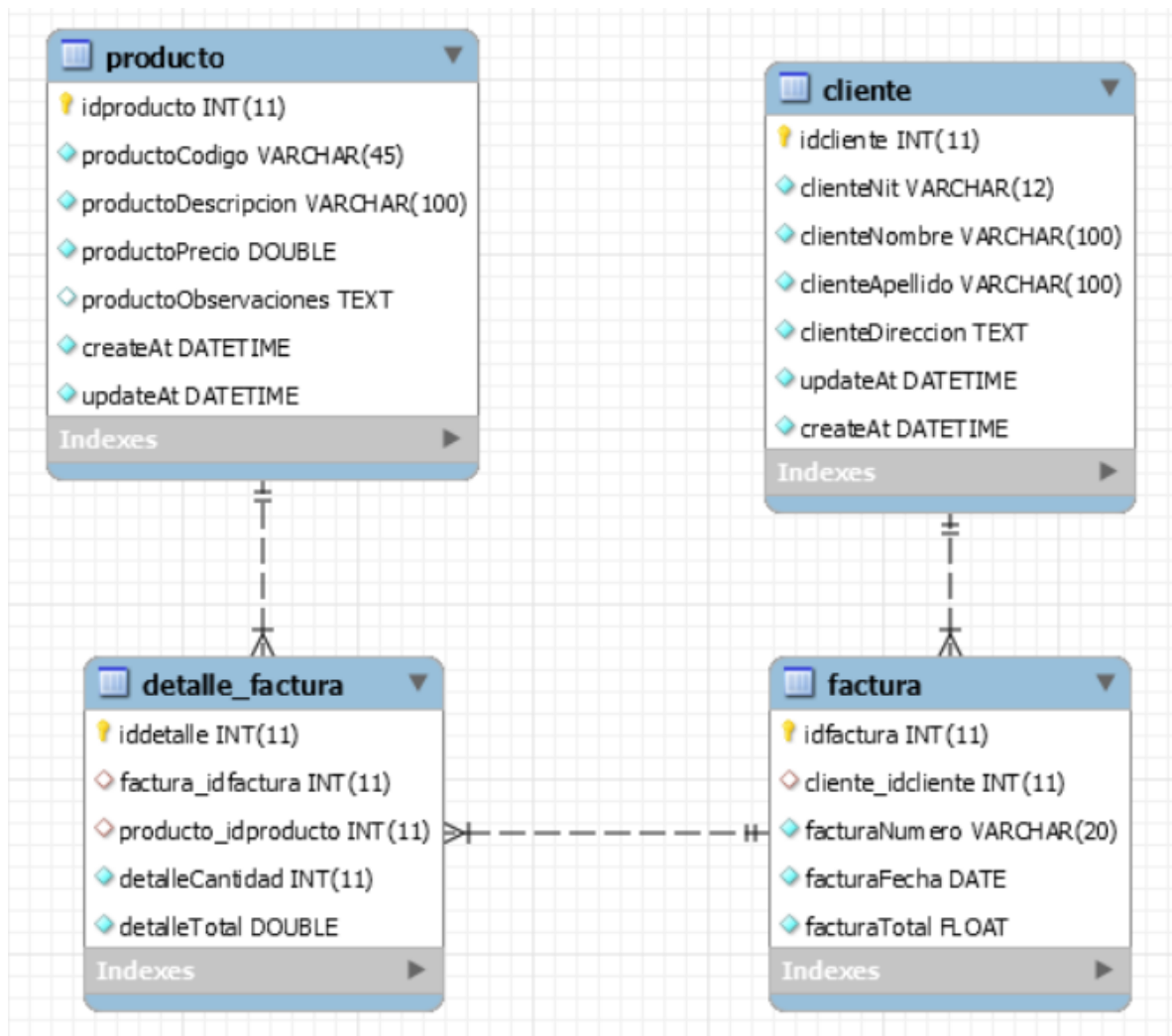


## ENTIDAD RELACIÓN



## SCRIPT BASE DE DATOS

-- 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  
-----

-----  
-- Schema oe\_factura  
-----

```
DROP SCHEMA IF EXISTS `oe_factura` ;
```

```
-----  
-- Schema oe_factura  
-----
```

```
CREATE SCHEMA IF NOT EXISTS `oe_factura` DEFAULT CHARACTER SET utf8mb4 ;  
USE `oe_factura` ;
```

```
-----  
-- Table `oe_factura`.`cliente`  
-----
```

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

```
CREATE TABLE IF NOT EXISTS `oe_factura`.`cliente` (  
  `idcliente` INT(11) NOT NULL AUTO_INCREMENT,  
  `clienteNit` VARCHAR(12) NOT NULL,  
  `clienteNombre` VARCHAR(100) NOT NULL,  
  `clienteApellido` VARCHAR(100) NOT NULL,  
  `clienteDireccion` TEXT NOT NULL,  
  `updateAt` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP(),  
  `createAt` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP(),  
  PRIMARY KEY (`idcliente`),  
  UNIQUE INDEX `clienteNit_UNIQUE` (`clienteNit` ASC))  
ENGINE = InnoDB  
AUTO_INCREMENT = 2  
DEFAULT CHARACTER SET = utf8  
COLLATE = utf8_unicode_ci;
```

```
-----  
-- Table `oe_factura`.`factura`  
-----
```

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

```
CREATE TABLE IF NOT EXISTS `oe_factura`.`factura` (  
  `idfactura` INT(11) NOT NULL AUTO_INCREMENT,  
  `cliente_idcliente` INT(11) NULL DEFAULT NULL,  
  `facturaNumero` VARCHAR(20) NOT NULL,  
  `facturaFecha` DATE NOT NULL,  
  `facturaTotal` FLOAT NOT NULL,  
  PRIMARY KEY (`idfactura`),  
  UNIQUE INDEX `compraNumero_UNIQUE` (`facturaNumero` ASC),  
  INDEX `fk_factura_cliente_idx` (`cliente_idcliente` ASC),  
  CONSTRAINT `FK_F9EBA0093C15468F`  
    FOREIGN KEY (`cliente_idcliente`)  
    REFERENCES `oe_factura`.`cliente` (`idcliente`))  
ENGINE = InnoDB  
DEFAULT CHARACTER SET = utf8
```

COLLATE = utf8\_unicode\_ci;

-----  
-- Table `oe\_factura`.`producto`  
-----

DROP TABLE IF EXISTS `oe\_factura`.`producto` ;

CREATE TABLE IF NOT EXISTS `oe\_factura`.`producto` (  
 `idproducto` INT(11) NOT NULL AUTO\_INCREMENT,  
 `productoCodigo` VARCHAR(45) NOT NULL,  
 `productoDescripcion` VARCHAR(100) NOT NULL,  
 `productoPrecio` DOUBLE NOT NULL,  
 `productoObservaciones` TEXT NULL DEFAULT NULL,  
 `createAt` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP(),  
 `updateAt` DATETIME NOT NULL DEFAULT CURRENT\_TIMESTAMP(),  
 PRIMARY KEY (`idproducto`),  
 UNIQUE INDEX `productoCodigo\_UNIQUE` (`productoCodigo` ASC))  
ENGINE = InnoDB  
AUTO\_INCREMENT = 2  
DEFAULT CHARACTER SET = utf8  
COLLATE = utf8\_unicode\_ci;

-----  
-- Table `oe\_factura`.`detalle\_factura`  
-----

DROP TABLE IF EXISTS `oe\_factura`.`detalle\_factura` ;

CREATE TABLE IF NOT EXISTS `oe\_factura`.`detalle\_factura` (  
 `iddetalle` INT(11) NOT NULL AUTO\_INCREMENT,  
 `factura\_idfactura` INT(11) NULL DEFAULT NULL,  
 `producto\_idproducto` INT(11) NULL DEFAULT NULL,  
 `detalleCantidad` INT(11) NOT NULL,  
 `detalleTotal` DOUBLE NOT NULL,  
 PRIMARY KEY (`iddetalle`),  
 INDEX `fk\_detalle\_factura\_producto1\_idx` (`producto\_idproducto` ASC),  
 INDEX `fk\_detalle\_factura\_factura1\_idx` (`factura\_idfactura` ASC),  
 CONSTRAINT `FK\_B1354EA15C9EBC61`  
 FOREIGN KEY (`factura\_idfactura`)  
 REFERENCES `oe\_factura`.`factura` (`idfactura`),  
 CONSTRAINT `FK\_B1354EA1D623167B`  
 FOREIGN KEY (`producto\_idproducto`)  
 REFERENCES `oe\_factura`.`producto` (`idproducto`))  
ENGINE = InnoDB  
DEFAULT CHARACTER SET = utf8  
COLLATE = utf8\_unicode\_ci;

```
SET SQL_MODE=@OLD_SQL_MODE;  
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```