

-- 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 billeton

-- Schema billeton

```
CREATE SCHEMA IF NOT EXISTS `billeton` DEFAULT CHARACTER SET utf8 ;
USE `billeton` ;
```

-- Table `billeton`.`cliente`

```
CREATE TABLE IF NOT EXISTS `billeton`.`cliente` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `nombre` VARCHAR(100) NOT NULL,
  `birth` DATE NOT NULL,
  `dpi` VARCHAR(16) NOT NULL,
  `direccion` VARCHAR(200) NOT NULL,
  `genero` VARCHAR(45) NOT NULL,
  `dpi_pdf` VARBINARY(8000) NULL,
  `password` BLOB NOT NULL,
  PRIMARY KEY (`codigo`))
ENGINE = InnoDB;
```

-- Table `billeton`.`gerente`

```
CREATE TABLE IF NOT EXISTS `billeton`.`gerente` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `nombre` VARCHAR(100) NOT NULL,
  `turno` VARCHAR(45) NOT NULL,
  `dpi` VARCHAR(16) NOT NULL,
  `direccion` VARCHAR(200) NOT NULL,
  `genero` VARCHAR(45) NOT NULL,
  `password` BLOB NOT NULL,
  PRIMARY KEY (`codigo`))
ENGINE = InnoDB
COMMENT = '          d';
```

-- Table `billeton`.`cajero`

```
CREATE TABLE IF NOT EXISTS `billeton`.`cajero` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `nombre` VARCHAR(100) NOT NULL,
  `turno` VARCHAR(45) NOT NULL,
```

```

`dpi` VARCHAR(16) NOT NULL,
`direccion` VARCHAR(200) NOT NULL,
`genero` VARCHAR(45) NOT NULL,
`password` BLOB NOT NULL,
PRIMARY KEY (`codigo`))
ENGINE = InnoDB
COMMENT = ' dd dd ';

```

```

-----
-- Table `billeteon`.`cuenta`
-----

```

```

CREATE TABLE IF NOT EXISTS `billeteon`.`cuenta` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `credito` DOUBLE NOT NULL,
  `creacion` DATE NOT NULL,
  `cliente_codigo` INT NOT NULL,
  PRIMARY KEY (`codigo`),
  INDEX `fk_cuenta_cliente1_idx` (`cliente_codigo` ASC) VISIBLE,
  CONSTRAINT `fk_cuenta_cliente1`
    FOREIGN KEY (`cliente_codigo`)
      REFERENCES `billeteon`.`cliente` (`codigo`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `billeteon`.`transaccion`
-----

```

```

CREATE TABLE IF NOT EXISTS `billeteon`.`transaccion` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `monto` DOUBLE NOT NULL,
  `tipo` VARCHAR(45) NOT NULL,
  `hora` TIME NOT NULL,
  `fecha` DATE NOT NULL,
  `nuevo_saldo` DOUBLE NULL,
  `cajero_codigo` INT NOT NULL,
  `cuenta_codigo` INT NOT NULL,
  PRIMARY KEY (`codigo`),
  INDEX `fk_transaccion_cajero_idx` (`cajero_codigo` ASC) VISIBLE,
  INDEX `fk_transaccion_cuenta1_idx` (`cuenta_codigo` ASC) VISIBLE,
  CONSTRAINT `fk_transaccion_cajero`
    FOREIGN KEY (`cajero_codigo`)
      REFERENCES `billeteon`.`cajero` (`codigo`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `fk_transaccion_cuenta1`
    FOREIGN KEY (`cuenta_codigo`)
      REFERENCES `billeteon`.`cuenta` (`codigo`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `billeteon`.`cuentas_asociadas`

```

```

-----
CREATE TABLE IF NOT EXISTS `billeteon`.`cuentas_asociadas` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `estado` TINYINT NULL,
  `estado_enviar` TINYINT NULL,
  `no_intentos` INT NULL,
  `cuenta_codigo` INT NOT NULL,
  `cliente_codigo` INT NOT NULL,
  `king_cuenta` INT NOT NULL,
  PRIMARY KEY (`codigo`),
  INDEX `fk_cuentas_asociadas_cuenta1_idx` (`cuenta_codigo` ASC) VISIBLE,
  INDEX `fk_cuentas_asociadas_cliente1_idx` (`cliente_codigo` ASC) VISIBLE,
  INDEX `fk_cuentas_asociadas_cliente2_idx` (`king_cuenta` ASC) VISIBLE,
  CONSTRAINT `fk_cuentas_asociadas_cuenta1`
    FOREIGN KEY (`cuenta_codigo`)
      REFERENCES `billeteon`.`cuenta` (`codigo`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION,
  CONSTRAINT `fk_cuentas_asociadas_cliente1`
    FOREIGN KEY (`cliente_codigo`)
      REFERENCES `billeteon`.`cliente` (`codigo`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION,
  CONSTRAINT `fk_cuentas_asociadas_cliente2`
    FOREIGN KEY (`king_cuenta`)
      REFERENCES `billeteon`.`cliente` (`codigo`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `billeteon`.`cambios`
-----

```

```

CREATE TABLE IF NOT EXISTS `billeteon`.`cambios` (
  `codigo` INT NOT NULL AUTO_INCREMENT,
  `tipo` VARCHAR(45) NOT NULL,
  `codigo_tipo` INT NOT NULL,
  `nombre` VARCHAR(100) NOT NULL,
  `fecha` DATE NOT NULL,
  `gerente_codigo` INT NOT NULL,
  PRIMARY KEY (`codigo`),
  INDEX `fk_cambios_gerente1_idx` (`gerente_codigo` ASC) VISIBLE,
  CONSTRAINT `fk_cambios_gerente1`
    FOREIGN KEY (`gerente_codigo`)
      REFERENCES `billeteon`.`gerente` (`codigo`)
      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;

```