-- 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 grupo13hotel002v1

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

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

-- Schema grupo13hotel002v1

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

CREATE SCHEMA IF NOT EXISTS `grupo13hotel002v1` DEFAULT CHARACTER SET utf8 COLLATE utf8\_general\_ci ;

USE `grupo13hotel002v1` ;

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

-- Table `grupo13hotel002v1`.`Cliente`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Cliente` (

`idCliente` INT NOT NULL,

`totalGastadoEnHotel` FLOAT NOT NULL,

`cantidadEstadias` INT NOT NULL,

`apellido` VARCHAR(45) NOT NULL,

`nombre` VARCHAR(45) NOT NULL,

`dni` INT NOT NULL,

`tel` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idCliente`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`TipoEmpleado`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`TipoEmpleado` (

`idTipoEmpleado` INT NOT NULL AUTO\_INCREMENT,

`nombreTipo` VARCHAR(45) NOT NULL,

`descripcionTipo` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idTipoEmpleado`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Login`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Login` (

`idLogin` INT NOT NULL AUTO\_INCREMENT,

`nombreUsuario` VARCHAR(45) NOT NULL,

`contrasenia` VARCHAR(45) NOT NULL,

`numPermiso` INT NOT NULL,

PRIMARY KEY (`idLogin`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Empleado`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Empleado` (

`idEmpleado` INT NOT NULL,

`fechaIngresoHotel` DATE NOT NULL,

`apellido` VARCHAR(45) NOT NULL,

`nombre` VARCHAR(45) NOT NULL,

`dni` INT NOT NULL,

`tel` VARCHAR(45) NOT NULL,

`idTipoEmpleado` INT NOT NULL,

`idLogin` INT NOT NULL,

PRIMARY KEY (`idEmpleado`, `idTipoEmpleado`, `idLogin`),

CONSTRAINT `fkidTipoEmpleadoempleado`

FOREIGN KEY (`idTipoEmpleado`)

REFERENCES `grupo13hotel002v1`.`TipoEmpleado` (`idTipoEmpleado`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginempleado`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idTipoEmpleado\_idx` ON `grupo13hotel002v1`.`Empleado` (`idTipoEmpleado` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`Empleado` (`idLogin` ASC);

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

-- Table `grupo13hotel002v1`.`FormaPago`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`FormaPago` (

`idFormaPago` INT NOT NULL,

`nombreForma` VARCHAR(45) NOT NULL,

`tarjeta` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idFormaPago`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Factura`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Factura` (

`idFactura` INT NOT NULL AUTO\_INCREMENT,

`subTotal` FLOAT NOT NULL,

`total` FLOAT NOT NULL,

`idFormaPago` INT NOT NULL,

`idLogin` INT NOT NULL,

`idCliente` INT NOT NULL,

PRIMARY KEY (`idFactura`, `idFormaPago`, `idLogin`, `idCliente`),

CONSTRAINT `fkidFormaPagofactura`

FOREIGN KEY (`idFormaPago`)

REFERENCES `grupo13hotel002v1`.`FormaPago` (`idFormaPago`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginfactura`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidClientefacura`

FOREIGN KEY (`idCliente`)

REFERENCES `grupo13hotel002v1`.`Cliente` (`idCliente`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idFormaPago\_idx` ON `grupo13hotel002v1`.`Factura` (`idFormaPago` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`Factura` (`idLogin` ASC);

CREATE INDEX `idCliente\_idx` ON `grupo13hotel002v1`.`Factura` (`idCliente` ASC);

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

-- Table `grupo13hotel002v1`.`ItemFactura`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`ItemFactura` (

`idItemFactura` INT NOT NULL AUTO\_INCREMENT,

`descripcion` VARCHAR(45) NOT NULL,

`cantidad` INT NOT NULL,

`totalIt` FLOAT NOT NULL,

`idFactura` INT NOT NULL,

PRIMARY KEY (`idItemFactura`, `idFactura`),

CONSTRAINT `fkidFacturaItemFactura`

FOREIGN KEY (`idFactura`)

REFERENCES `grupo13hotel002v1`.`Factura` (`idFactura`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `fk\_ItemFactura\_Factura\_idx` ON `grupo13hotel002v1`.`ItemFactura` (`idFactura` ASC);

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

-- Table `grupo13hotel002v1`.`Servicio`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Servicio` (

`idServicio` INT NOT NULL AUTO\_INCREMENT,

`nombreServicio` VARCHAR(45) NOT NULL,

`descripcionServicio` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idServicio`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Producto`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Producto` (

`idProducto` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(45) NOT NULL,

`precio` FLOAT NOT NULL,

`descripcion` VARCHAR(45) NOT NULL,

`idServicio` INT NOT NULL,

PRIMARY KEY (`idProducto`, `idServicio`),

CONSTRAINT `fkidServicioproducto`

FOREIGN KEY (`idServicio`)

REFERENCES `grupo13hotel002v1`.`Servicio` (`idServicio`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idServicio\_idx` ON `grupo13hotel002v1`.`Producto` (`idServicio` ASC);

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

-- Table `grupo13hotel002v1`.`TipoHabitacion`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`TipoHabitacion` (

`idTipoHabitacion` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(45) NOT NULL,

`descrpcion` VARCHAR(45) NOT NULL,

`capacidad` INT NOT NULL,

`servicios` VARCHAR(500) NOT NULL,

PRIMARY KEY (`idTipoHabitacion`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Habitacion`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Habitacion` (

`idHabitacion` INT NOT NULL AUTO\_INCREMENT,

`disponibilidad` BIT(1) NOT NULL,

`idTipoHabitacion` INT NOT NULL,

`idLogin` INT NOT NULL,

PRIMARY KEY (`idHabitacion`, `idTipoHabitacion`, `idLogin`),

CONSTRAINT `fkidTipoHabitacionHabitacion`

FOREIGN KEY (`idTipoHabitacion`)

REFERENCES `grupo13hotel002v1`.`TipoHabitacion` (`idTipoHabitacion`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginHabitacion`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idTipoHabitacion\_idx` ON `grupo13hotel002v1`.`Habitacion` (`idTipoHabitacion` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`Habitacion` (`idLogin` ASC);

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

-- Table `grupo13hotel002v1`.`TipoEstadiaInactiva`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`TipoEstadiaInactiva` (

`idTipoEstadiaInactiva` INT NOT NULL AUTO\_INCREMENT,

`nombreTipo` VARCHAR(45) NOT NULL,

`descripcionTipo` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idTipoEstadiaInactiva`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`Estadia`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Estadia` (

`idEstadia` INT NOT NULL AUTO\_INCREMENT,

`activa` VARCHAR(45) NOT NULL,

`diaCheckIn` DATE NOT NULL,

`diaCheckOut` DATE NOT NULL,

`cantidadAdultos` INT NOT NULL,

`cantidadNinios` INT NOT NULL,

`idCliente` INT NOT NULL,

`idHabitacion` INT NOT NULL,

`idTipoEstadiaInactiva` INT NOT NULL,

`idLogin` INT NOT NULL,

PRIMARY KEY (`idEstadia`, `idCliente`, `idHabitacion`, `idTipoEstadiaInactiva`, `idLogin`),

CONSTRAINT `fkidClienteEstadia`

FOREIGN KEY (`idCliente`)

REFERENCES `grupo13hotel002v1`.`Cliente` (`idCliente`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidHabitacionEstadia`

FOREIGN KEY (`idHabitacion`)

REFERENCES `grupo13hotel002v1`.`Habitacion` (`idHabitacion`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidTipoEstadiaInactivaEstadia`

FOREIGN KEY (`idTipoEstadiaInactiva`)

REFERENCES `grupo13hotel002v1`.`TipoEstadiaInactiva` (`idTipoEstadiaInactiva`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginEstadia`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idCliente\_idx` ON `grupo13hotel002v1`.`Estadia` (`idCliente` ASC);

CREATE INDEX `idHabitacion\_idx` ON `grupo13hotel002v1`.`Estadia` (`idHabitacion` ASC);

CREATE INDEX `idTipoEstadiaInactiva\_idx` ON `grupo13hotel002v1`.`Estadia` (`idTipoEstadiaInactiva` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`Estadia` (`idLogin` ASC);

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

-- Table `grupo13hotel002v1`.`TicketConsumo`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`TicketConsumo` (

`idTicketConsumo` INT NOT NULL AUTO\_INCREMENT,

`total` FLOAT NOT NULL,

`idEstadia` INT NOT NULL,

`idLogin` INT NOT NULL,

PRIMARY KEY (`idTicketConsumo`, `idEstadia`, `idLogin`),

CONSTRAINT `fkidEstadiaTicketConsumo`

FOREIGN KEY (`idEstadia`)

REFERENCES `grupo13hotel002v1`.`Estadia` (`idEstadia`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginTicketConsumo`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idEstadia\_idx` ON `grupo13hotel002v1`.`TicketConsumo` (`idEstadia` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`TicketConsumo` (`idLogin` ASC);

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

-- Table `grupo13hotel002v1`.`ItemTicketConsumo`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`ItemTicketConsumo` (

`idItemTicketConsumo` INT NOT NULL AUTO\_INCREMENT,

`cantidad` INT NOT NULL,

`totalItem` FLOAT NOT NULL,

`idTicketConsumo` INT NOT NULL,

`idProducto` INT NOT NULL,

PRIMARY KEY (`idItemTicketConsumo`, `idTicketConsumo`, `idProducto`),

CONSTRAINT `fkidTicketConsumoItemTicketConsumo`

FOREIGN KEY (`idTicketConsumo`)

REFERENCES `grupo13hotel002v1`.`TicketConsumo` (`idTicketConsumo`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidProductoItemTicketConsumo`

FOREIGN KEY (`idProducto`)

REFERENCES `grupo13hotel002v1`.`Producto` (`idProducto`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idTicketConsumo\_idx` ON `grupo13hotel002v1`.`ItemTicketConsumo` (`idTicketConsumo` ASC);

CREATE INDEX `idProducto\_idx` ON `grupo13hotel002v1`.`ItemTicketConsumo` (`idProducto` ASC);

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

-- Table `grupo13hotel002v1`.`Temporada`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Temporada` (

`idTemporada` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(45) NOT NULL,

`fechaInicia` DATE NOT NULL,

`fechaTermina` DATE NOT NULL,

`descripcion` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idTemporada`))

ENGINE = InnoDB;

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

-- Table `grupo13hotel002v1`.`TipoHabitacionXTemporada`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`TipoHabitacionXTemporada` (

`idTipoHabitacionXTemporada` INT NOT NULL AUTO\_INCREMENT,

`precioNoche` FLOAT NOT NULL,

`idTipoHabitacion` INT NOT NULL,

`idTemporada` INT NOT NULL,

PRIMARY KEY (`idTipoHabitacionXTemporada`, `idTipoHabitacion`, `idTemporada`),

CONSTRAINT `fkidTipoHabitacionTipoHabitacionXTemporada`

FOREIGN KEY (`idTipoHabitacion`)

REFERENCES `grupo13hotel002v1`.`TipoHabitacion` (`idTipoHabitacion`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidTemporadaTipoHabitacionXTemporada`

FOREIGN KEY (`idTemporada`)

REFERENCES `grupo13hotel002v1`.`Temporada` (`idTemporada`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idTipoHabitacion\_idx` ON `grupo13hotel002v1`.`TipoHabitacionXTemporada` (`idTipoHabitacion` ASC);

CREATE INDEX `idTemporada\_idx` ON `grupo13hotel002v1`.`TipoHabitacionXTemporada` (`idTemporada` ASC);

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

-- Table `grupo13hotel002v1`.`Limpieza`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`Limpieza` (

`idLimpieza` INT NOT NULL AUTO\_INCREMENT,

`limpia` BIT(1) NOT NULL,

`fecha` DATE NOT NULL,

`tipoLimpieza` VARCHAR(45) NOT NULL,

`idHabitacion` INT NOT NULL,

PRIMARY KEY (`idLimpieza`, `idHabitacion`),

CONSTRAINT `fkidHabitacionLimpieza`

FOREIGN KEY (`idHabitacion`)

REFERENCES `grupo13hotel002v1`.`Habitacion` (`idHabitacion`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idHabitacion\_idx` ON `grupo13hotel002v1`.`Limpieza` (`idHabitacion` ASC);

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

-- Table `grupo13hotel002v1`.`ParteReparacion`

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

CREATE TABLE IF NOT EXISTS `grupo13hotel002v1`.`ParteReparacion` (

`idParteReparacion` INT NOT NULL AUTO\_INCREMENT,

`desperfecto` VARCHAR(45) NOT NULL,

`fechaOrigen` DATE NOT NULL,

`fechaResolucion` DATE NOT NULL,

`comentario` VARCHAR(45) NOT NULL,

`idHabitacion` INT NOT NULL,

`idLogin` INT NOT NULL,

PRIMARY KEY (`idParteReparacion`, `idHabitacion`, `idLogin`),

CONSTRAINT `fkidHabitacionParteReparacion`

FOREIGN KEY (`idHabitacion`)

REFERENCES `grupo13hotel002v1`.`Habitacion` (`idHabitacion`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `fkidLoginParteReparacion`

FOREIGN KEY (`idLogin`)

REFERENCES `grupo13hotel002v1`.`Login` (`idLogin`)

ON DELETE CASCADE

ON UPDATE CASCADE)

ENGINE = InnoDB;

CREATE INDEX `idHabitacion\_idx` ON `grupo13hotel002v1`.`ParteReparacion` (`idHabitacion` ASC);

CREATE INDEX `idLogin\_idx` ON `grupo13hotel002v1`.`ParteReparacion` (`idLogin` ASC);

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

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

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

SET SQL\_MODE=@OLD\_SQL\_MODE