

-- 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,ER
ROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION';
```

-- Schema mydb

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

-- Table `mydb`.`Ciudadano`

```
CREATE TABLE IF NOT EXISTS `mydb`.`Ciudadano` (
  `idUsuario` VARCHAR(10) NOT NULL,
  `DNI` INT NOT NULL,
  `Nombre` VARCHAR(45) NOT NULL,
  `Apellido` VARCHAR(45) NOT NULL,
  `Email` VARCHAR(45) NOT NULL,
  `Telefono` VARCHAR(45) NOT NULL,
  `fecha_nacimiento` DATE NOT NULL,
  `id_catastro` INT NOT NULL,
  `contraseña` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`idUsuario`, `DNI`))
ENGINE = InnoDB;
```

-- Table `mydb`.`Inmueble`

```
CREATE TABLE IF NOT EXISTS `mydb`.`Inmueble` (
  `id_catastro` INT NOT NULL,
  `Calle` VARCHAR(45) NOT NULL,
  `Numero` INT NOT NULL,
  `Barrio` VARCHAR(45) NOT NULL,
  `cod_postal` INT NOT NULL,
  `id_arbol` INT NOT NULL,
  `idUsuario` VARCHAR(10) NOT NULL,
  PRIMARY KEY (`id_catastro`),
  INDEX `idUsuario_idx` (`idUsuario` ASC) VISIBLE,
  CONSTRAINT `idUsuario`
    FOREIGN KEY (`idUsuario`)
      REFERENCES `mydb`.`Ciudadano` (`idUsuario`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Arbol`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Arbol` (  
  `id_arbol` INT NOT NULL AUTO_INCREMENT,  
  `nombre` VARCHAR(45) NOT NULL,  
  `nombre_cientifico` VARCHAR(45) NOT NULL,  
  `crecimiento` VARCHAR(45) NOT NULL,  
  `follaje` VARCHAR(45) NOT NULL,  
  `id_catastro` INT NOT NULL,  
  `id_tramite` INT NOT NULL,  
  PRIMARY KEY (`id_arbol`),  
  INDEX `id_catastro_idx` (`id_catastro` ASC) VISIBLE,  
  CONSTRAINT `id_catastro`  
    FOREIGN KEY (`id_catastro`)  
    REFERENCES `mydb`.`Inmueble` (`id_catastro`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`DetallePoda`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`DetallePoda` (  
  `idDetallePoda` VARCHAR(45) NOT NULL,  
  `motivo` VARCHAR(45) NOT NULL,  
  `tasa_administrativa` VARCHAR(45) NOT NULL,  
  `cantidad_arboles` INT NOT NULL,  
  PRIMARY KEY (`idDetallePoda`))  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Dir Espacios Verdes`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Dir Espacios Verdes` (  
  `id_reparticion` INT NOT NULL,  
  `id_empleado` INT NOT NULL,  
  `id_inspeccion` INT NOT NULL,  
  `id_tramite` INT NOT NULL,  
  PRIMARY KEY (`id_reparticion`))  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Tramite_poda`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `mydb`.`Tramite_poda` (  
  `idtramite` INT NOT NULL AUTO_INCREMENT,  
  `idarbol` INT NOT NULL,  
  `fecha` DATE NOT NULL,
```

```

`id_DetallePoda` VARCHAR(45) NOT NULL,
`estado` VARCHAR(45) NOT NULL,
`idUsuario` INT NOT NULL,
`id_reparticion` INT NOT NULL,
PRIMARY KEY (`idtramite`),
INDEX `idarbol_idx` (`idarbol` ASC) VISIBLE,
INDEX `detalle_poda_idx` (`id_DetallePoda` ASC) VISIBLE,
INDEX `id_reparticion_idx` (`id_reparticion` ASC) VISIBLE,
CONSTRAINT `idarbol`
  FOREIGN KEY (`idarbol`)
  REFERENCES `mydb`.`Arbol` (`id_arbol`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `detalle_poda`
  FOREIGN KEY (`id_DetallePoda`)
  REFERENCES `mydb`.`DetallePoda` (`idDetallePoda`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `id_reparticion`
  FOREIGN KEY (`id_reparticion`)
  REFERENCES `mydb`.`Dir Espacios Verdes` (`id_reparticion`)
  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;

```