

Tecnicatura Superior en Desarrollo Web y Aplicaciones Digitales

Base de datos – Aula 2

Sprint n° 0

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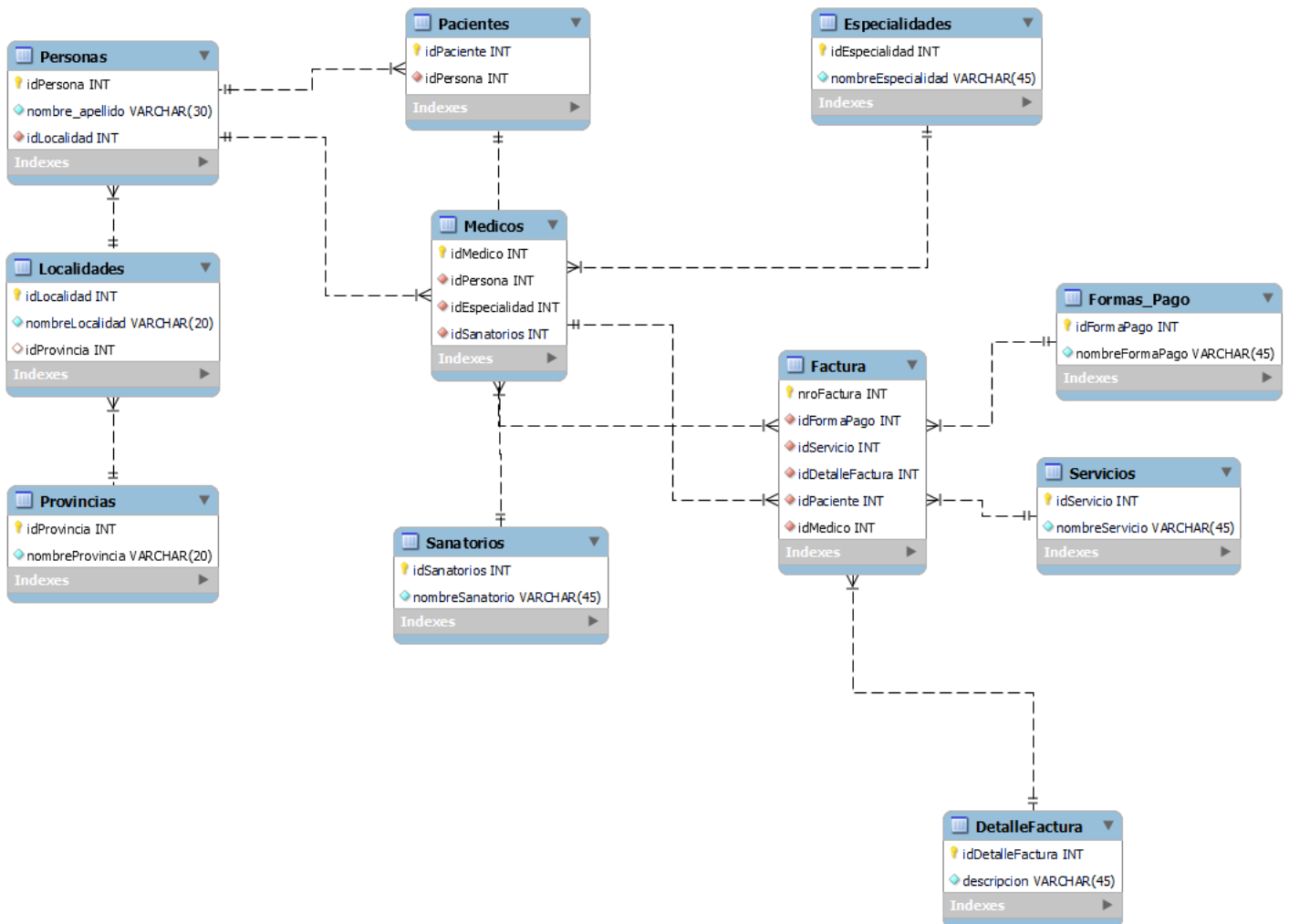
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Modelo Relacional CbaMed



Script DDL

-- 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_I
N_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_S
UBSTITUTION';

-- Schema cbamed

DROP SCHEMA IF EXISTS `cbamed` ;

-- Schema cbamed

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

USE `cbamed` ;

-- Table `cbamed`.`Provincias`

DROP TABLE IF EXISTS `cbamed`.`Provincias` ;

CREATE TABLE IF NOT EXISTS `cbamed`.`Provincias` (

```
`idProvincia` INT NOT NULL AUTO_INCREMENT,  
`nombreProvincia` VARCHAR(20) NOT NULL,  
PRIMARY KEY (`idProvincia`),  
UNIQUE INDEX `idprovincia_UNIQUE` (`idProvincia` ASC) VISIBLE)  
ENGINE = InnoDB;
```

```
-----  
-- Table `cbamed`.`Localidades`  
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Localidades` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Localidades` (  
  `idLocalidad` INT NOT NULL AUTO_INCREMENT,  
  `nombreLocalidad` VARCHAR(20) NOT NULL,  
  `idProvincia` INT NULL,  
  PRIMARY KEY (`idLocalidad`),  
  UNIQUE INDEX `idLocalidad_UNIQUE` (`idLocalidad` ASC) VISIBLE,  
  INDEX `idProvincia_idx` (`idProvincia` ASC) VISIBLE,  
  CONSTRAINT `idProvincia`  
    FOREIGN KEY (`idProvincia`)  
    REFERENCES `cbamed`.`Provincias` (`idProvincia`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-----  
-- Table `cbamed`.`Personas`  
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Personas` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Personas` (  
  `idPersona` INT NOT NULL AUTO_INCREMENT,  
  `nombre_apellido` VARCHAR(30) NOT NULL,  
  `idLocalidad` INT NOT NULL,  
  PRIMARY KEY (`idPersona`),  
  UNIQUE INDEX `idpersonas_UNIQUE` (`idPersona` ASC) VISIBLE,  
  INDEX `idLocalidad_idx` (`idLocalidad` ASC) VISIBLE,  
  CONSTRAINT `idLocalidad`  
    FOREIGN KEY (`idLocalidad`)  
    REFERENCES `cbamed`.`Localidades` (`idLocalidad`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-----  
-- Table `cbamed`.`Pacientes`  
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Pacientes` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Pacientes` (  
  `idPaciente` INT NOT NULL AUTO_INCREMENT,  
  `idPersona` INT NOT NULL,  
  PRIMARY KEY (`idPaciente`),  
  UNIQUE INDEX `idpacientes_UNIQUE` (`idPaciente` ASC) VISIBLE,  
  INDEX `persona_idx` (`idPersona` ASC) VISIBLE,  
  CONSTRAINT `persona`  
    FOREIGN KEY (`idPersona`)
```

```
REFERENCES `cbamed`.`Personas` (`idPersona`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
```

```
ENGINE = InnoDB
```

```
DEFAULT CHARACTER SET = ascii;
```

```
-----
```

```
-- Table `cbamed`.`Especialidades`
```

```
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Especialidades` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Especialidades` (
  `idEspecialidad` INT NOT NULL AUTO_INCREMENT,
  `nombreEspecialidad` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`idEspecialidad`),
  UNIQUE INDEX `idEspecialidades_UNIQUE` (`idEspecialidad` ASC) VISIBLE)
ENGINE = InnoDB;
```

```
-----
```

```
-- Table `cbamed`.`Medicos`
```

```
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Medicos` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Medicos` (
  `idMedico` INT NOT NULL AUTO_INCREMENT,
  `idPersona` INT NOT NULL,
  `idEspecialidad` INT NOT NULL,
  PRIMARY KEY (`idMedico`),
```

```
UNIQUE INDEX `idmedico_UNIQUE` (`idMedico` ASC) VISIBLE,  
INDEX `idpersona_idx` (`idPersona` ASC) VISIBLE,  
INDEX `idEspecialidad_idx` (`idEspecialidad` ASC) VISIBLE,  
CONSTRAINT `idpersona`  
  FOREIGN KEY (`idPersona`)  
  REFERENCES `cbamed`.`Personas` (`idPersona`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION,  
CONSTRAINT `idEspecialidad`  
  FOREIGN KEY (`idEspecialidad`)  
  REFERENCES `cbamed`.`Especialidades` (`idEspecialidad`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- Table `cbamed`.`Sanatorios`  
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Sanatorios` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Sanatorios` (  
  `idSanatorios` INT NOT NULL AUTO_INCREMENT,  
  `nombreSanatorio` VARCHAR(45) NOT NULL,  
  `idMedico` INT NOT NULL,  
  PRIMARY KEY (`idSanatorios`),  
  UNIQUE INDEX `idSanatorios_UNIQUE` (`idSanatorios` ASC) VISIBLE,  
  INDEX `idMedico_idx` (`idMedico` ASC) VISIBLE,  
  CONSTRAINT `idMedico`  
    FOREIGN KEY (`idMedico`)
```

```
REFERENCES `cbamed`.`Medicos` (`idMedico`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-----
-- Table `cbamed`.`DetalleFactura`
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`DetalleFactura` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`DetalleFactura` (
  `idDetalleFactura` INT NOT NULL AUTO_INCREMENT,
  `descripcion` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`idDetalleFactura`),
  UNIQUE INDEX `idDetalleFactura_UNIQUE` (`idDetalleFactura` ASC) VISIBLE)
ENGINE = InnoDB;
```

```
-----
-- Table `cbamed`.`Formas_Pago`
-----
```

```
DROP TABLE IF EXISTS `cbamed`.`Formas_Pago` ;
```

```
CREATE TABLE IF NOT EXISTS `cbamed`.`Formas_Pago` (
  `idFormaPago` INT NOT NULL AUTO_INCREMENT,
  `nombreFormaPago` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`idFormaPago`),
  UNIQUE INDEX `idFormasPago_UNIQUE` (`idFormaPago` ASC) VISIBLE)
ENGINE = InnoDB;
```

-- Table `cbamed`.`Servicios`

DROP TABLE IF EXISTS `cbamed`.`Servicios` ;

CREATE TABLE IF NOT EXISTS `cbamed`.`Servicios` (
 `idServicio` INT NOT NULL AUTO_INCREMENT,
 `nombreServicio` VARCHAR(45) NOT NULL,
 PRIMARY KEY (`idServicio`),
 UNIQUE INDEX `idServicios_UNIQUE` (`idServicio` ASC) VISIBLE)
ENGINE = InnoDB;

-- Table `cbamed`.`Factura`

DROP TABLE IF EXISTS `cbamed`.`Factura` ;

CREATE TABLE IF NOT EXISTS `cbamed`.`Factura` (
 `nroFactura` INT NOT NULL AUTO_INCREMENT,
 `idFormaPago` INT NOT NULL,
 `idServicio` INT NOT NULL,
 `idDetalleFactura` INT NOT NULL,
 `idPaciente` INT NOT NULL,
 `idSanatorio` INT NOT NULL,
 PRIMARY KEY (`nroFactura`),
 UNIQUE INDEX `nroFactura_UNIQUE` (`nroFactura` ASC) VISIBLE,
 INDEX `idFormaPago_idx` (`idFormaPago` ASC) VISIBLE,

```
INDEX `idServicio_idx` (`idServicio` ASC) VISIBLE,
INDEX `idDetalleFactura_idx` (`idDetalleFactura` ASC) VISIBLE,
INDEX `idPaciente_idx` (`idPaciente` ASC) VISIBLE,
INDEX `idSanatorio_idx` (`idSanatorio` ASC) VISIBLE,
CONSTRAINT `idFormaPago`
  FOREIGN KEY (`idFormaPago`)
  REFERENCES `cbamed`.`Formas_Pago` (`idFormaPago`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `idServicio`
  FOREIGN KEY (`idServicio`)
  REFERENCES `cbamed`.`Servicios` (`idServicio`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `idDetalleFactura`
  FOREIGN KEY (`idDetalleFactura`)
  REFERENCES `cbamed`.`DetalleFactura` (`idDetalleFactura`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `idPaciente`
  FOREIGN KEY (`idPaciente`)
  REFERENCES `cbamed`.`Pacientes` (`idPaciente`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION,
CONSTRAINT `idSanatorio`
  FOREIGN KEY (`idSanatorio`)
  REFERENCES `cbamed`.`Sanatorios` (`idSanatorios`)
  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;
```