

Tecnicatura Superior en Desarrollo Web y Aplicaciones Digitales

Base de Datos -Aula N° 2

TP INTEGRADOR

- **Alumnos:**

GAITÁN , Alba Ligia

CABRERA, Verónica Soledad

PEREZ VERDE, Nicolás

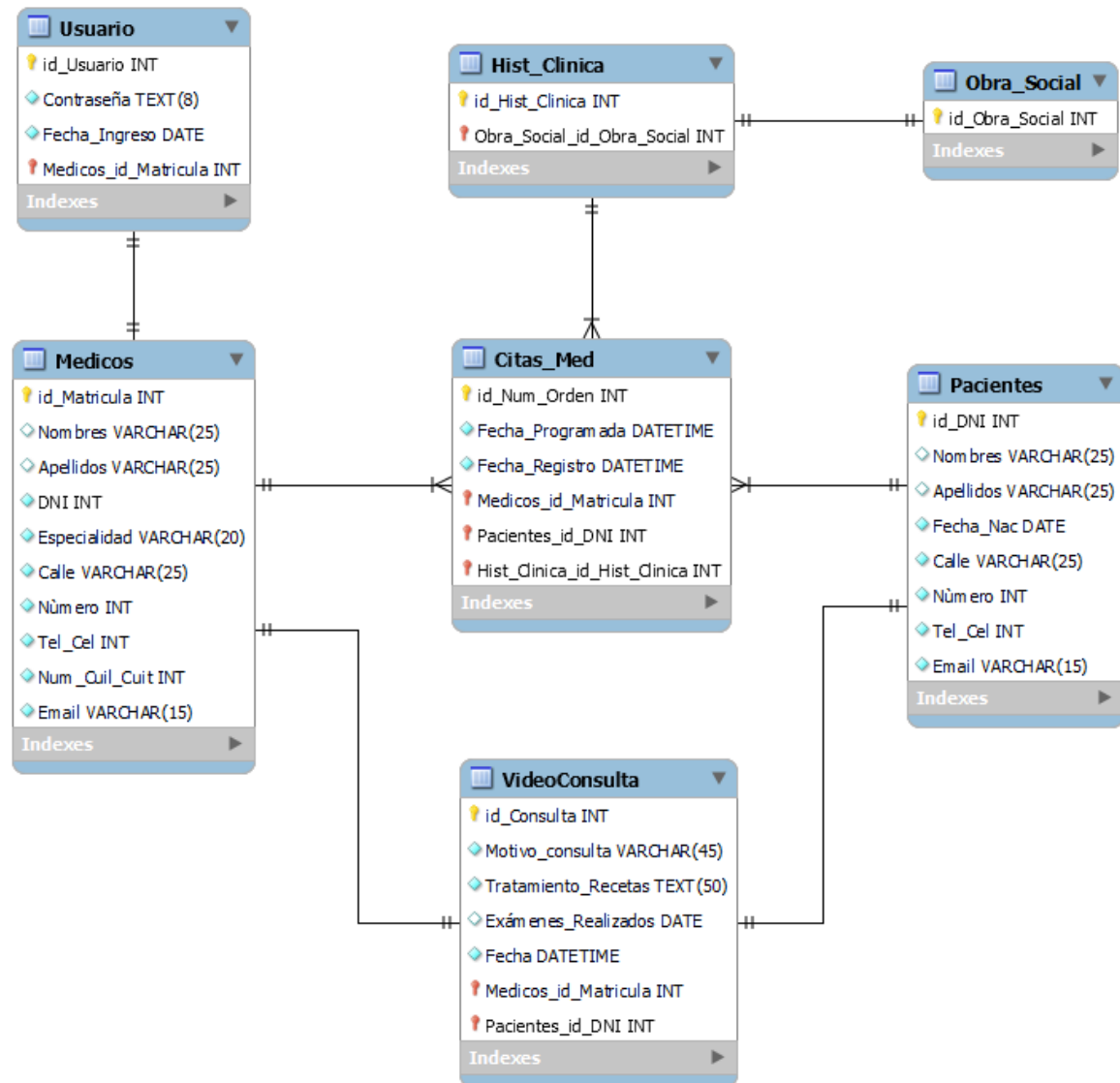
STORELLO, Brenda

FERNANDEZ, Yesica

- **Profesor:** MAINERO, Alejandro L.

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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_IN_
DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTI
TUTION';
```

-- Schema CbaMed_BD

-- Schema CbaMed_BD

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

-- Table `CbaMed_BD`.`Pacientes`

```
CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Pacientes` (
  `id_DNI` INT NOT NULL,
  `Nombres` VARCHAR(25) NULL,
  `Apellidos` VARCHAR(25) NULL,
  `Fecha_Nac` DATE NOT NULL,
  `Calle` VARCHAR(25) NOT NULL,
  `Número` INT NOT NULL,
  `Tel_Cel` INT NOT NULL,
  `Email` VARCHAR(15) NOT NULL,
  UNIQUE INDEX `id_DNI_UNIQUE` (`id_DNI` ASC) VISIBLE,
  PRIMARY KEY (`id_DNI`))
ENGINE = InnoDB;
```

-- Table `CbaMed_BD`.`Medicos`

```
CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Medicos` (
```

```

`id_Matricula` INT NOT NULL,
`Nombres` VARCHAR(25) NULL,
`Apellidos` VARCHAR(25) NULL,
`DNI` INT NOT NULL,
`Especialidad` VARCHAR(20) NOT NULL,
`Calle` VARCHAR(25) NOT NULL,
`Número` INT NOT NULL,
`Tel_Cel` INT NOT NULL,
`Num_Cuil_Cuit` INT NOT NULL,
`Email` VARCHAR(15) NOT NULL,
PRIMARY KEY (`id_Matricula`),
UNIQUE INDEX `id_Matricula_UNIQUE` (`id_Matricula` ASC) VISIBLE)
ENGINE = InnoDB;

```

```

-----
-- Table `CbaMed_BD`.`Obra_Social`
-----

```

```

CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Obra_Social` (
  `id_Obra_Social` INT NOT NULL,
  PRIMARY KEY (`id_Obra_Social`),
  UNIQUE INDEX `id_Obra_Social_UNIQUE` (`id_Obra_Social` ASC) VISIBLE)
ENGINE = InnoDB;

```

```

-----
-- Table `CbaMed_BD`.`Hist_Clinica`
-----

```

```

CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Hist_Clinica` (
  `id_Hist_Clinica` INT NOT NULL,
  `Obra_Social_id_Obra_Social` INT NOT NULL,
  PRIMARY KEY (`id_Hist_Clinica`, `Obra_Social_id_Obra_Social`),
  UNIQUE INDEX `id_Hist_Clinica_UNIQUE` (`id_Hist_Clinica` ASC) VISIBLE,
  INDEX `fk_Hist_Clinica_Obra_Social1_idx` (`Obra_Social_id_Obra_Social` ASC)
  VISIBLE,
  CONSTRAINT `fk_Hist_Clinica_Obra_Social1`
    FOREIGN KEY (`Obra_Social_id_Obra_Social`)
      REFERENCES `CbaMed_BD`.`Obra_Social` (`id_Obra_Social`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `CbaMed_BD`.`Citas_Med`
-----

```

```

CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Citas_Med` (

```

```

`id_Num_Orden` INT NOT NULL,
`Fecha_Programada` DATETIME NOT NULL,
`Fecha_Registro` DATETIME NOT NULL,
`Medicos_id_Matricula` INT NOT NULL,
`Pacientes_id_DNI` INT NOT NULL,
`Hist_Clinica_id_Hist_Clinica` INT NOT NULL,
PRIMARY KEY (`id_Num_Orden`, `Medicos_id_Matricula`, `Pacientes_id_DNI`,
`Hist_Clinica_id_Hist_Clinica`),
UNIQUE INDEX `id_Num_Orden_UNIQUE` (`id_Num_Orden` ASC) VISIBLE,
INDEX `fk_Citas_Med_Medicos1_idx` (`Medicos_id_Matricula` ASC) VISIBLE,
INDEX `fk_Citas_Med_Pacientes1_idx` (`Pacientes_id_DNI` ASC) VISIBLE,
INDEX `fk_Citas_Med_Hist_Clinica1_idx` (`Hist_Clinica_id_Hist_Clinica` ASC)
VISIBLE,
CONSTRAINT `fk_Citas_Med_Medicos1`
FOREIGN KEY (`Medicos_id_Matricula`)
REFERENCES `CbaMed_BD`.`Medicos` (`id_Matricula`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `fk_Citas_Med_Pacientes1`
FOREIGN KEY (`Pacientes_id_DNI`)
REFERENCES `CbaMed_BD`.`Pacientes` (`id_DNI`)
ON DELETE NO ACTION
ON UPDATE NO ACTION,
CONSTRAINT `fk_Citas_Med_Hist_Clinica1`
FOREIGN KEY (`Hist_Clinica_id_Hist_Clinica`)
REFERENCES `CbaMed_BD`.`Hist_Clinica` (`id_Hist_Clinica`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `CbaMed_BD`.`Usuario`
-----

```

```

CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`Usuario` (
  `id_Usuario` INT NOT NULL,
  `Contraseña` TEXT(8) NOT NULL,
  `Fecha_Ingreso` DATE NOT NULL,
  `Medicos_id_Matricula` INT NOT NULL,
  UNIQUE INDEX `id_Matricula_UNIQUE` (`id_Usuario` ASC) VISIBLE,
  PRIMARY KEY (`id_Usuario`, `Medicos_id_Matricula`),
  INDEX `fk_Usuario_Medicos_idx` (`Medicos_id_Matricula` ASC) VISIBLE,
  CONSTRAINT `fk_Usuario_Medicos`
FOREIGN KEY (`Medicos_id_Matricula`)
REFERENCES `CbaMed_BD`.`Medicos` (`id_Matricula`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)

```

ENGINE = InnoDB;

-- Table `CbaMed_BD`.`VideoConsulta`

```
CREATE TABLE IF NOT EXISTS `CbaMed_BD`.`VideoConsulta` (  
  `id_Consulta` INT NOT NULL,  
  `Motivo_consulta` VARCHAR(45) NOT NULL,  
  `Tratamiento_Recetas` TEXT(50) NOT NULL,  
  `Exámenes_Realizados` DATE NULL,  
  `Fecha` DATETIME NOT NULL,  
  `Medicos_id_Matricula` INT NOT NULL,  
  `Pacientes_id_DNI` INT NOT NULL,  
  PRIMARY KEY (`id_Consulta`, `Medicos_id_Matricula`, `Pacientes_id_DNI`),  
  UNIQUE INDEX `id_Consulta_UNIQUE` (`id_Consulta` ASC) VISIBLE,  
  INDEX `fk_VideoConsulta_Medicos1_idx` (`Medicos_id_Matricula` ASC) VISIBLE,  
  INDEX `fk_VideoConsulta_Pacientes1_idx` (`Pacientes_id_DNI` ASC) VISIBLE,  
  CONSTRAINT `fk_VideoConsulta_Medicos1`  
    FOREIGN KEY (`Medicos_id_Matricula`)  
    REFERENCES `CbaMed_BD`.`Medicos` (`id_Matricula`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_VideoConsulta_Pacientes1`  
    FOREIGN KEY (`Pacientes_id_DNI`)  
    REFERENCES `CbaMed_BD`.`Pacientes` (`id_DNI`)  
    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;
```