**Database Selected Topics**

**Alumno:**

Meza Vargas Brandon David

**Boleta:**

2020630288

**Grupo:**

3CM16

**Profesor:**

Galeana Chávez María Del Rosario

**Fecha:**

10/03/23

**Actividad 2: Ejercicio de Normalización**

**Diagrama

Descripción generada automáticamente**

**Aplicando la 1FN**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DOCTOR** | | | | | |
| **ID\_Doctor** | **Nombre** | **Ap\_Paterno** | **Anos\_Estudio** | **Especialidad** | **Hora\_Atención** |
| 1 | Isabell | Becker | 4 | Cardiología | 17:50:00 |
| 2 | Felipe | Su | 4 | Nutrición | 06:00:00 |
| 3 | Carlos | Alarcón | 5 | Pediatría | 15:30:00 |
| 4 | Jessica | Montelongo | 7 | Neumología | 15:25:00 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PACIENTE** | | | | | | |
| **Id\_Paciente** | **Nombre** | **Ap\_Materno** | **Ap\_Paterno** | **Sexo** | **FechaNac** | **FechaAtencion** |
| 6398 | Belen | Inzastiga | Marquez | M | 01/01/1950 | 02/02/2025 |
| 6398 | Belen | Inzastiga | Marquez | M | 01/01/1950 | 20/03/2020 |
| 5577 | Carolina | Sanchez | Soria | M | 15/09/2012 | 15/10/2014 |
| 0245 | David | Rosas | Beltran | H | 14/08/1970 | 20/04/2015 |

**Aplicando la 2FN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DOCTOR** | | | | |
| **ID\_Doctor** | **Nombre** | **Ap\_Paterno** | **Anos\_Estudio** | **Especialidad** |
| 1 | Isabell | Becker | 4 | Cardiología |
| 2 | Felipe | Su | 4 | Nutrición |
| 3 | Carlos | Alarcón | 5 | Pediatría |
| 4 | Jessica | Montelongo | 7 | Neumología |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PACIENTE** | | | | | |
| **Id\_Paciente** | **Nombre** | **Ap\_Materno** | **Ap\_Paterno** | **Sexo** | **FechaNac** |
| 6398 | Belen | Inzastiga | Marquez | M | 01/01/1950 |
| 5577 | Carolina | Sanchez | Soria | M | 15/09/2012 |
| 0245 | David | Rosas | Beltran | H | 14/08/1970 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONSULTA** | | | | |
| **Id\_Consulta** | **Id\_Paciente** | **Id\_Doctor** | **Fecha\_Atención** | **Hora\_Atención** |
| 1 | 6398 | 1 | 02/02/2025 | 17:50:00 |
| 2 | 6398 | 2 | 20/03/2020 | 06:00:00 |
| 3 | 5577 | 3 | 15/10/2014 | 15:30:00 |
| 4 | 0245 | 4 | 20/04/2015 | 15:25:00 |

**Aplicando 3FN**

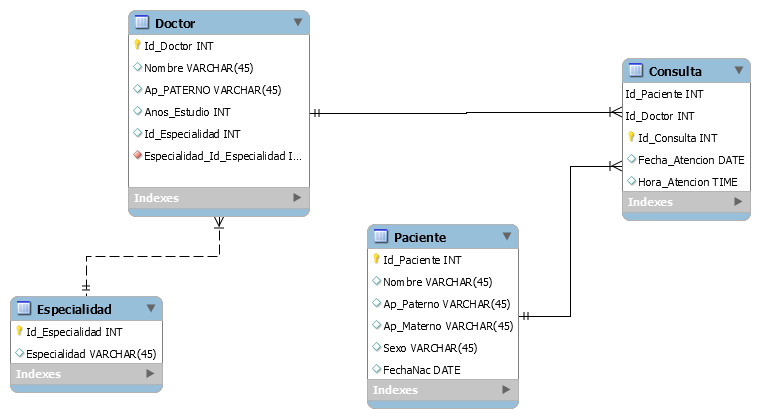
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DOCTOR** | | | | |
| **ID\_Doctor** | **Nombre** | **Ap\_Paterno** | **Anos\_Estudio** | **ID\_Especialidad** |
| 1 | Isabell | Becker | 4 | 1 |
| 2 | Felipe | Su | 4 | 2 |
| 3 | Carlos | Alarcón | 5 | 3 |
| 4 | Jessica | Montelongo | 7 | 4 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PACIENTE** | | | | | |
| **Id\_Paciente** | **Nombre** | **Ap\_Materno** | **Ap\_Paterno** | **Sexo** | **FechaNac** |
| 6398 | Belen | Inzastiga | Marquez | M | 01/01/1950 |
| 5577 | Carolina | Sanchez | Soria | M | 15/09/2012 |
| 0245 | David | Rosas | Beltran | H | 14/08/1970 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CONSULTA** | | | | |
| **Id\_Consulta** | **ID\_Paciente** | **Id\_Doctor** | **Fecha\_Atención** | **Hora\_Atención** |
| 1 | 6398 | 1 | 02/02/2025 | 17:50:00 |
| 2 | 6398 | 2 | 20/03/2020 | 06:00:00 |
| 3 | 5577 | 3 | 15/10/2014 | 15:30:00 |
| 4 | 0245 | 4 | 20/04/2015 | 15:25:00 |

|  |  |
| --- | --- |
| **ESPECIALIDAD** | |
| **Id\_Especialidad** | **Especialidad** |
| 1 | Cardiología |
| 2 | Nutrición |
| 3 | Pediatría |
| 4 | Neumología |

**Modelo Relacional**

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