**PROYECTO DE PRÁCTICA: “Administrador de recibos”**

*miércoles 15 de mayo del 2024*

**Definiciones de base de datos**

**I.- Objetivo:**

Generar la lista de tablas y un esquema de relación de tablas de la base de datos por trabajar para el proyecto “Administrador de recibos” la base de datos se llamará “receipt”.

**II.- Definición de tablas:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tabla** | **user** |  |  |  |
| **Campo** | **Tipo de dato** | **Dato nulo** | **Llave** | **Tabla relacionada** |
| id | Varchar (16) (UUID) | No | Primaria |  |
| fullName | Varchar (100) | No |  |  |
| email | Varchar (100) | No |  |  |
| password | Varchar (150) | No |  |  |
| phoneNumber | Varchar (20) | Sí |  |  |
| profileImg | Varchar (150) | Sí |  |  |
| createdDate | Date | Sí |  |  |
| updatedDate | Date | Sí |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tabla** | **receipt** |  |  |  |
| **Campo** | **Tipo de campo** | **Dato nulo** | **Llave** | **Tabla relacionada** |
| id | Integer | No | Primaria |  |
| userId | Varchar (16) (UUID) | No | Foránea | User |
| provider | Varchar (50) | No |  |  |
| title | Varchar (50) | No |  |  |
| receiptType | Varchar (50) | Sí |  |  |
| comments | Varchar (100) | Sí |  |  |
| amount | Float (10,2) | Sí |  |  |
| badge | Varchar (50) | Sí |  |  |
| receiptDate | Date | Sí |  |  |
| createdDate | Date | Sí |  |  |
| updatedDate | Date | Sí |  |  |
| receiptImg | Varchar (150) | Sí |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tabla** | **token** |  |  |  |
| **Campo** | **Tipo de campo** | **Dato nulo** | **Llave** | **Tabla relacionada** |
| id | Integer | No | Primaria |  |
| userId | Varchar (16) (UUID) | No | Foránea | User |
| token | Varchar (300) | No |  |  |
| createdDate | Date | Sí |  |  |
| updatedDate | Date | Sí |  |  |

**III.- Diagrama Entidad-Relación de base de datos:**

**receipt**

id

userId

provider

title

receiptType

comments

amount

badge

receiptDate

createdDate

updatedDate

receiptImg

(1:1)

(n:1)

**token**

id

userId

token

createdDate

updatedDate

**user**

id

fullName

email

password

phoneNumber

profileImg

createdDate

updatedDate

**IV.- Datos de prueba por tabla:**

|  |  |
| --- | --- |
| **Tabla** | **user** |
| **Campo** | **Registro** |
| id | 1ede4103-d8fa-478a-87ce-ed0c2c9ac851 |
| fullName | Moisés Fernández Castillo |
| email | mfernandez@email.com |
| password | aasd321xz24z.adas2342523cc2 |
| phoneNumber | 8119123445 |
| profileImg | foto-perfil.jpg |
| createdDate | 2024-05-15 02:18:05.304117 |
| updatedDate | 2024-05-15 02:18:05.304117 |

|  |  |
| --- | --- |
| **Tabla** | **receipt** |
| **Campo** | **Registro** |
| id | 1 |
| userId | 1ede4103-d8fa-478a-87ce-ed0c2c9ac851 |
| provider | Coca-Cola |
| title | Compra de caja de refrescos |
| receiptType | Alimentos y bebidas |
| comments | Se compra una caja con 30 refrescos de 2 litros |
| amount | 1000 |
| badge | MXN |
| receiptDate | 2024-05-15 02:18:05.304117 |
| createdDate | 2024-05-15 02:18:05.304117 |
| updatedDate | 2024-05-15 02:18:05.304117 |

|  |  |
| --- | --- |
| **Tabla** | **token** |
| **Campo** | **Registro** |
| id | 1 |
| userId | 1ede4103-d8fa-478a-87ce-ed0c2c9ac851 |
| token | asd123.asd123.asd123 |
| createdDate | 2024-05-15 02:18:05.304117 |
| updatedDate | 2024-05-15 02:18:05.304117 |