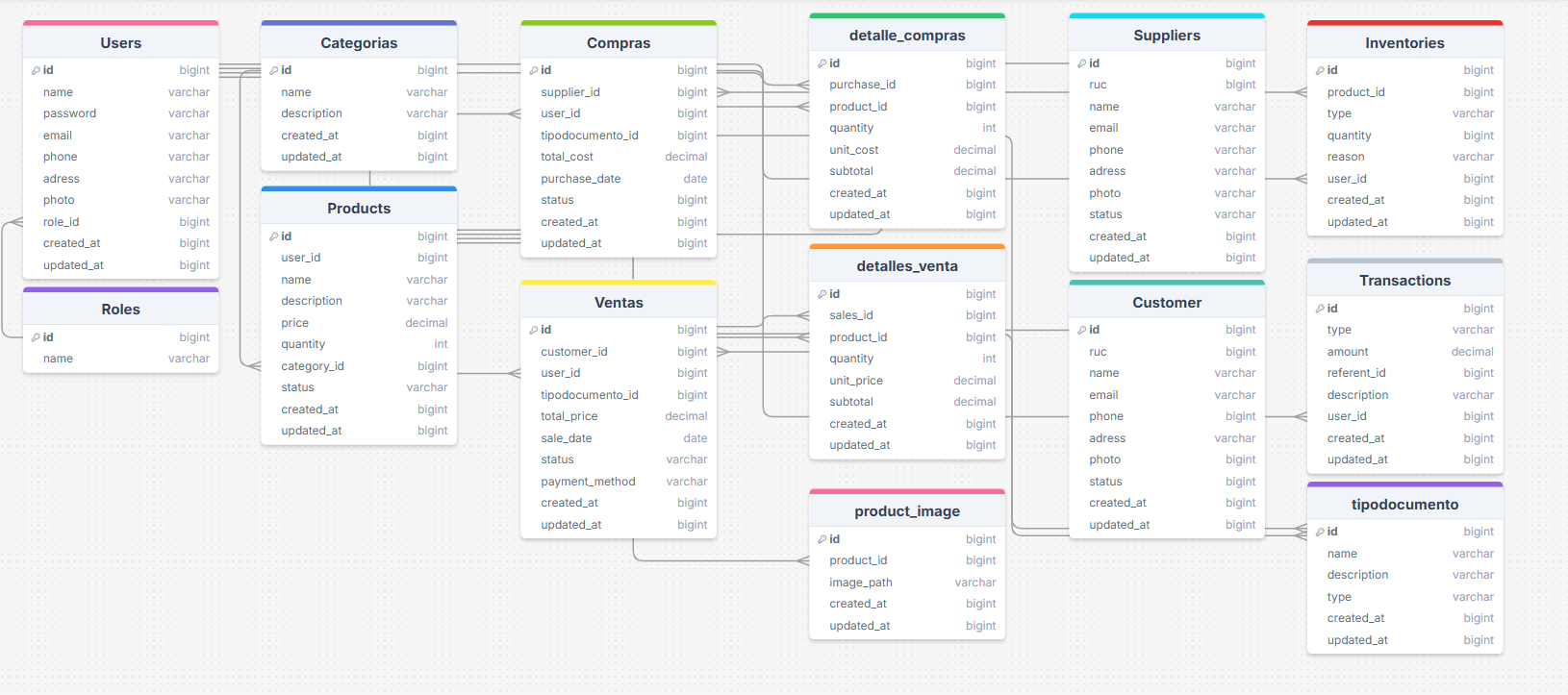
**Desarrolla un Sistema de Compra y Venta con Laravel +ChatGPT**



Diagrama de la base de datos

composer create-project laravel/laravel compraventa “10.\*”

MIGRACIONES

php artisan make:migration create\_roles\_table --create=roles

            $table->string('name')->unique();

            $table->text('description')->nullable();

Table Users

            $table->string('phone')->nullable();

            $table->string('adress')->nullable();

            $table->string('photo')->nullable();

            $table->foreignId('role\_id')->constrained('roles')->onDelete('cascade');

Tabla Categorias

php artisan make:migration create\_categories\_table --create-categories

table Categories

            $table->string('name')->unique();

            $table->text('description')->nullable();

Tabla Productos

php artisan make:migration create\_products\_table --create=products

$table->foreignId('user\_id')->constrained('users')->onDelete('cascade');

$table->string('name');

$table->text('description');

$table->decimal('price',10,2);

$table->integer('quantity');

$table->foreignId('category\_id')->constrained('categories')->onDelete('cascade');

$table->enum('status',['available', 'sold', 'archived'])->default('available');

Tabla Produts\_image

php artisan make:migration create\_products\_image\_\_table --create=product\_images

            $table->foreignId('product\_id')->constrained('products')->onDelete('cascade');

            $table->string('image\_path');

Tabla Suppliers

php artisan make:migration create\_suppliers\_table --create=suppliers

 $table->id();

            $table->string('ruc')->unique();

            $table->string('name');

            $table->string('email')->unique()->nullable();

            $table->string('phone')->nullable();

            $table->text('adress');

            $table->string('photo')->nullable();

            $table->enum('status',['active','inactive'])->default('active');

            $table->timestamps();

Tabla Costumers

php artisan make:migration create\_customers\_table --create=customers

 $table->string('ruc')->unique();

            $table->string('name');

            $table->string('email')->unique()->nullable();

            $table->string('phone')->nullable();

            $table->text('adress');

            $table->string('photo')->nullable();

            $table->enum('status',['active','inactive'])->default('active');

Tabla tipodocuemento

php artisan make:migration create\_tipdocumento\_table --create=tipdocumento

$table->string('name');

            $table->text('description')->nullable();

            $table->enum('type',['venta', 'compra']);

Tabla Compras

php artisan make:migration create\_compras\_table --create=compras

 $table->foreignId('supplier\_id')->constrained('suppliers')->onDelete('set null');

            $table->foreignId('user\_id')->constrained('users')->onDelete('cascade');

            $table->foreignId('tipodocumento\_id')->constrained('tipodocumento')->onDelete('cascade');

            $table->decimal('total\_cost',10,2);

            $table->date('purchase\_date');

            $table->enum('status',['pendient', 'completed', 'canceled'])->default('completed');

Tabla detallecompra

php artisan make:migration create\_detalle\_compras\_table --create=detalle\_compras

 $table->foreignId('purchase\_id')->constrained('compras')->onDelete('cascade'); ;

            $table->foreignId('product\_id')->constrained('products')->onDelete('cascade');

            $table->integer('quantity');

            $table->decimal('unit\_cost', 10, 2);

            $table->decimal('subtotal', 10, 2);

Tabla Ventas

php artisan make:migration create\_ventas\_table --create=ventas

 $table->foreignId('customer\_id')->nullable()->constrained('customers')->onDelete('set null');

            $table->foreignId('user\_id')->constrained('users')->onDelete('cascade');

            $table->foreignId('tipodocumento\_id')->constrained('tipodocumento')->onDelete('cascade');

            $table->decimal('total\_price',10,2);

            $table->date('sale\_date');

            $table->enum('status',['pendient', 'completed', 'canceled'])->default('completed');

            $table->enum('payment\_method',['cash', 'credit\_card', 'bank\_transfer'])->default('cash');

Tabla detalle\_venta

php artisan make:migration create\_detalle\_ventas\_table --create=detalle\_ventas

 $table->foreignId('sale\_id')->constrained('ventas')->onDelete('cascade'); ;

            $table->foreignId('product\_id')->constrained('products')->onDelete('cascade');

            $table->integer('quantity');

            $table->decimal('unit\_price', 10, 2);

            $table->decimal('subtotal', 10, 2);

Tabla Inventario

php artisan make:migration create\_inventories\_table --create=inventories

            $table->foreignId('product\_id')->constrained('products')->onDelete('cascade');

            $table->enum('type',['purchase', 'sale', 'adjustment']);

            $table->integer('quantity');

            $table->text('reason')->nullable();

            $table->foreignId('user\_id')->constrained('users')->onDelete('cascade');

Tabla transaction

php artisan make:migration create\_transaction\_table --create=transaction

  $table->enum('type',['purchase', 'payment', 'sale', 'adjustment', 'refund']);

            $table->decimal('amount', 10, 2);

            $table->bigInteger('reference\_id')->nullable();

            $table->text('description')->nullable();

            $table->foreignId('user\_id')->constrained('users')->onDelete('cascade');