

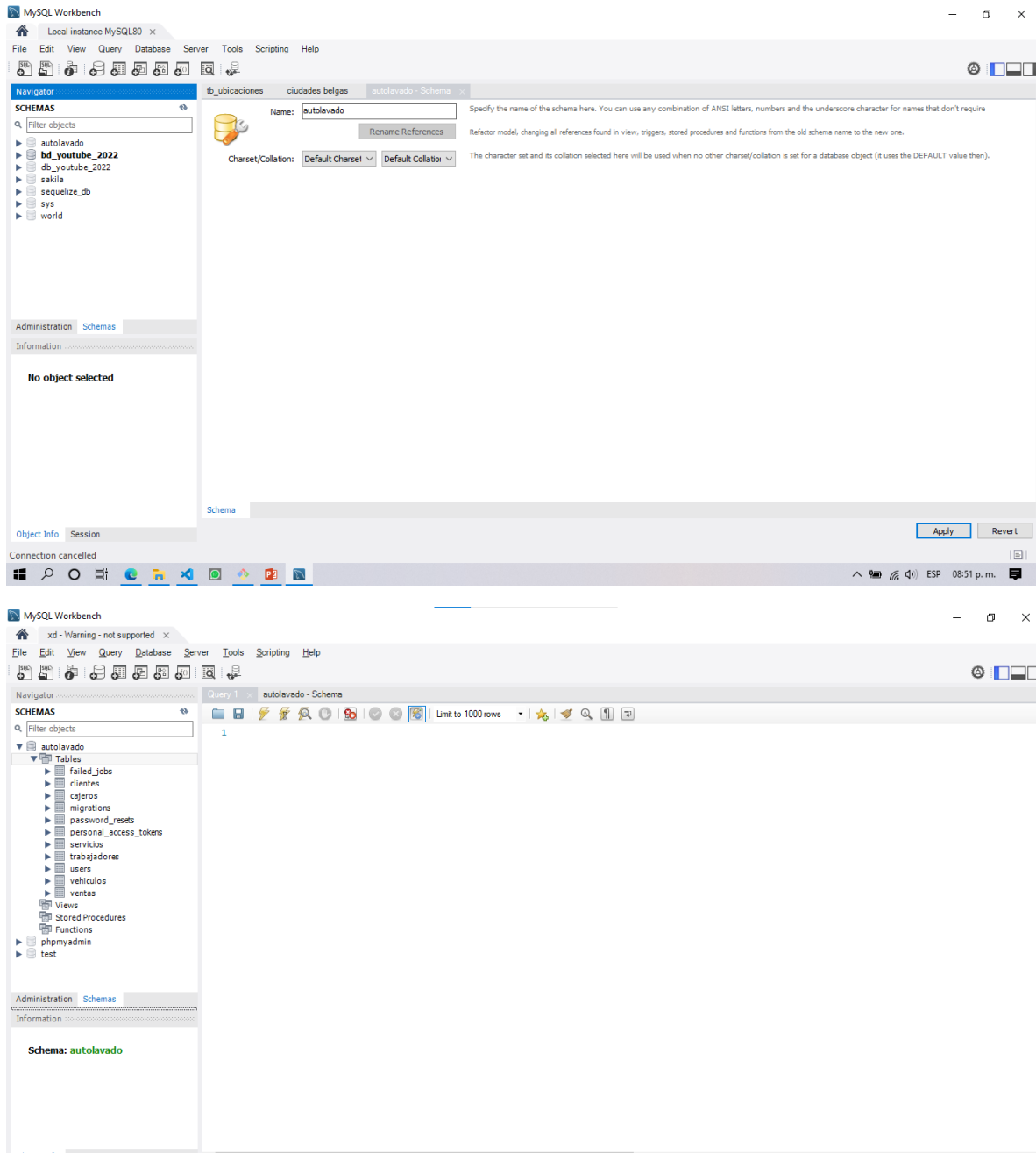
TAREA 9: REPORTE TÉCNICO- MODELOS.

Luis Alejandro Gómez Santillán

UTXJ 8ª IGDS

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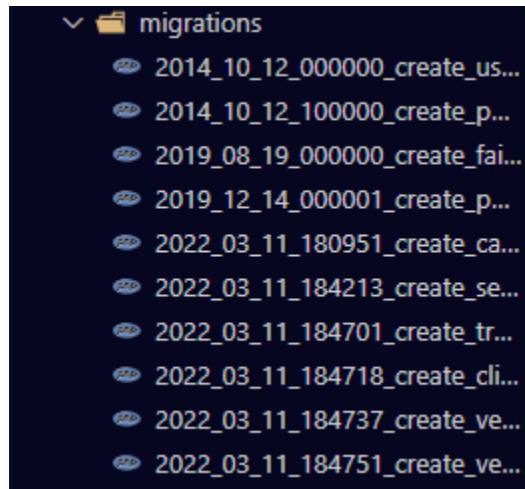
1 Base de datos:



2 Crear Migración y Modelo

```
Luis Alejandro Gomez@DESKTOP-FLTON1L MINGW64 /e/DESARROLLO/AutoLavado/AutoLavado
$ php artisan make:model nuevo --migration
Model created successfully.
Created Migration: 2022_03_18_032553_create_nuevos_table
```

3 Migraciones



3.1 Migración Cajeros

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('cajeros', function (Blueprint $table) {
            $table->increments('id_cajero');
            $table->string('nombre', 50);
            $table->string('apaterno', 50);
            $table->string('amaterno', 50);
            $table->string('direccion', 150);
            $table->string('telefono', 15);
            $table->string('correo', 60);
            $table->boolean('status');
        });
    }
}
```

3.2 Migración Servicios

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('servicios', function (Blueprint $table) {
            $table->increments('id_servicios');
            $table->double('costo');
            $table->boolean('status');
        });
    }
}
```

3.3 Migración Trabajadores

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('trabajadores', function (Blueprint $table) {
            $table->increments('id_trabajador');
            $table->string('nombre', 50);
            $table->string('apaterno', 50);
            $table->string('amaterno', 50);
            $table->string('direccion', 150);
            $table->string('telefono', 15);
            $table->string('correo', 60);
            $table->boolean('status');
        });
    }
}
```

3.4 Migración Clientes

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('clientes', function (Blueprint $table) {
            $table->increments('id_cliente');
            $table->string('nombre', 50);
            $table->string('apaterno', 50);
            $table->string('amaterno', 50);
            $table->string('direccion', 150);
            $table->string('telefono', 15);
            $table->string('correo', 60);
            $table->boolean('status');
        });
    }
}
```

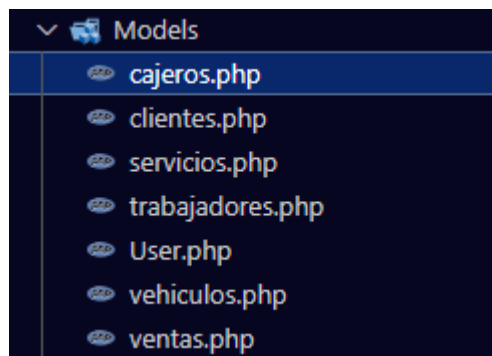
3.5 Migración Vehículos

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('vehiculos', function (Blueprint $table) {
            $table->increments('id_vehiculo');
            $table->string('matricula', 50);
            $table->string('tipo', 15);
            $table->string('marca', 15);
            $table->integer('modelo');
            $table->string('color', 10);
            $table->boolean('status');
            $table->integer('id_cliente');
        });
    }
}
```

3.6 Migración Ventas

```
return new class extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('ventas', function (Blueprint $table) {
            $table->increments('id_venta');
            $table->timestamp('fecha');
            $table->integer('id_vehiculo');
            $table->integer('id_cajero');
            $table->integer('id_servicio');
            $table->integer('id_trabajador');
            $table->boolean('status');
        });
    }
}
```

4 Modelos



4.1 Modelo Cajeros

```
class cajeros extends Model
{
    public function Cajero(){
        return $this->hashOne("App/Model/cajero");
    }
    protected $fillable=["nombre", "apaterno", "amaterno", "direccion","telefono", "correo", "status"];
    use HasFactory;
}
```

4.2 Modelo Clientes

```
class clientes extends Model
{
    public function cliente(){
        return $this->hashOne("App/Model/cliente");
    }
    Protected $fillable=["nombre", "apaterno", "amaterno", "direccion","telefono", "correo", "status"];
    use HasFactory;
}
```

4.3 Modelo Servicios

```
class servicios extends Model
{
    public function servicio(){
        return $this->hashOne("App/Model/servicio");
    }
    Protected $fillable=["descripcion", "costo", "status"];
    use HasFactory;
}
```

4.4 Modelo Trabajadores

```
class trabajadores extends Model
{
    public function trabajador(){
        return $this->hashOne("App/Model/trabajador");
    }
    Protected $fillable=["nombre", "apaterno", "amaterno", "direccion","telefono", "correo", "status"];
    use HasFactory;
}
```

4.5 Modelo Vehículos

```
class vehiculos extends Model
{
    public function vehiculo(){
        return $this->hashOne("App/Model/vehiculo");
    }
    Protected $fillable=["matricula", "tipo", "marca", "modelo","color", "status", "id_cliente"];
    use HasFactory;
}
```

4.6 Modelo Ventas

```
class ventas extends Model
{
    public function venta(){
        return $this->hashOne("App/Model/venta");
    }
    Protected $fillable=["fecha", "id_vehiculo", "id_cajero", "id_servicio","id_trabajador", "status"];
    use HasFactory;
}
```


5 Migración a Base de Datos

5.1 php artisan migrate

```
MINGW64:/e/DESARROLLO/Autolavado/Autolavado
Luis Alejandro Gomez@DESKTOP-FLTON1L MINGW64 /e/DESARROLLO/Autolavado/Autolavado
$ php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (1,386.48ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (910.02ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (608.01ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated: 2019_12_14_000001_create_personal_access_tokens_table (833.51ms)
Migrating: 2022_03_11_180951_create_cajeros_table
Migrated: 2022_03_11_180951_create_cajeros_table (222.04ms)
Migrating: 2022_03_11_184213_create_servicios_table
Migrated: 2022_03_11_184213_create_servicios_table (375.96ms)
Migrating: 2022_03_11_184701_create_trabajadores_table
Migrated: 2022_03_11_184701_create_trabajadores_table (320.59ms)
Migrating: 2022_03_11_184718_create_clientes_table
Migrated: 2022_03_11_184718_create_clientes_table (265.18ms)
Migrating: 2022_03_11_184737_create_vehiculos_table
Migrated: 2022_03_11_184737_create_vehiculos_table (254.32ms)
Migrating: 2022_03_11_184751_create_ventas_table
Migrated: 2022_03_11_184751_create_ventas_table (220.21ms)
```

5.2 php artisan migrate:rollback

```
Luis Alejandro Gomez@DESKTOP-FLTON1L MINGW64 /e/DESARROLLO/Autolavado/Autolavado
$ php artisan migrate:rollback
Rolling back: 2022_03_11_184751_create_ventas_table
Rolled back: 2022_03_11_184751_create_ventas_table (325.04ms)
Rolling back: 2022_03_11_184737_create_vehiculos_table
Rolled back: 2022_03_11_184737_create_vehiculos_table (176.81ms)
Rolling back: 2022_03_11_184718_create_clientes_table
Rolled back: 2022_03_11_184718_create_clientes_table (421.05ms)
Rolling back: 2022_03_11_184701_create_trabajadores_table
Rolled back: 2022_03_11_184701_create_trabajadores_table (211.01ms)
Rolling back: 2022_03_11_184213_create_servicios_table
Rolled back: 2022_03_11_184213_create_servicios_table (165.93ms)
Rolling back: 2022_03_11_180951_create_cajeros_table
Rolled back: 2022_03_11_180951_create_cajeros_table (166.15ms)
Rolling back: 2019_12_14_000001_create_personal_access_tokens_table
Rolled back: 2019_12_14_000001_create_personal_access_tokens_table (231.69ms)
Rolling back: 2019_08_19_000000_create_failed_jobs_table
Rolled back: 2019_08_19_000000_create_failed_jobs_table (243.68ms)
Rolling back: 2014_10_12_100000_create_password_resets_table
Rolled back: 2014_10_12_100000_create_password_resets_table (264.40ms)
Rolling back: 2014_10_12_000000_create_users_table
Rolled back: 2014_10_12_000000_create_users_table (177.09ms)
```