



UNIVERSIDAD DE
CUNDINAMARCA
Generación Siglo 21

PARCIAL # 2

PRESENTADO POR:

Neissy Alejandra Medina Cubillos

PRESENTADO A:

William Alexander Matallana

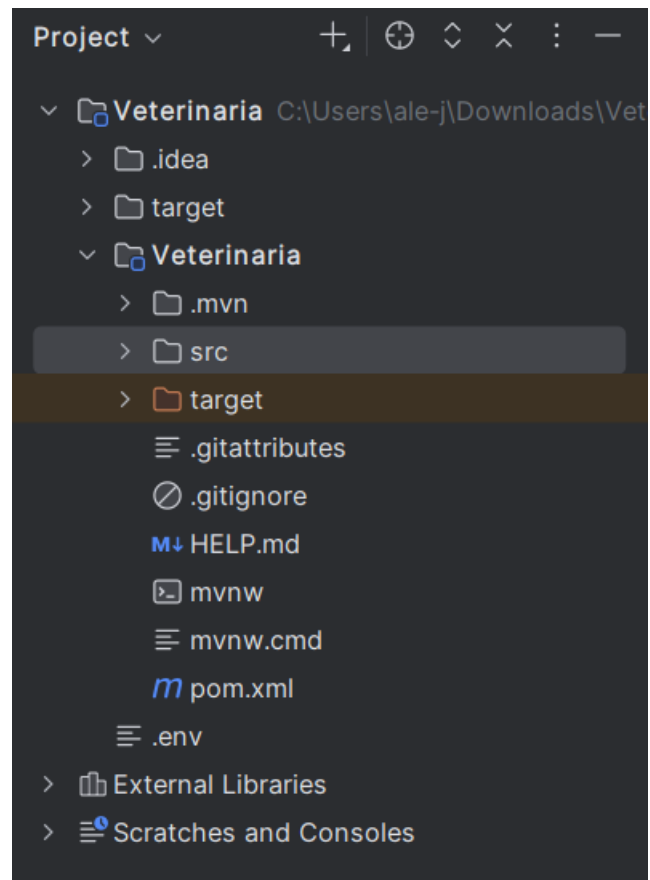
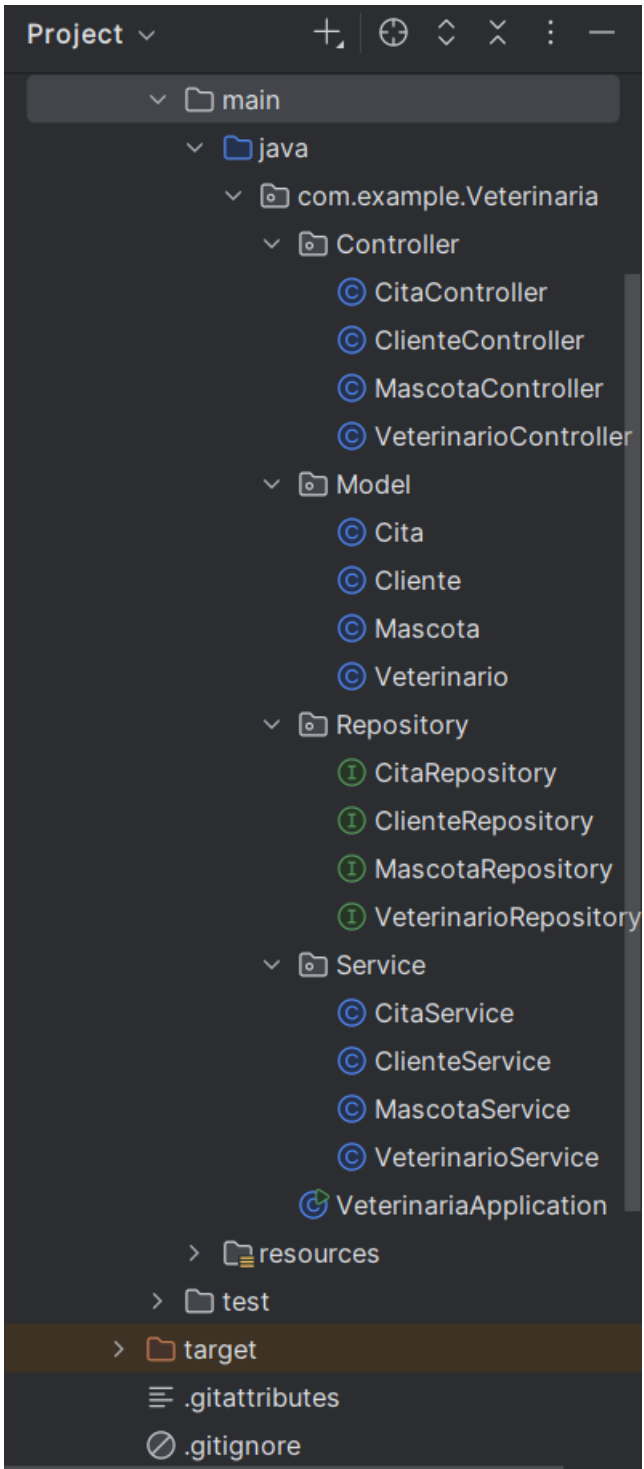
LINEA PROFUNDIZACION III

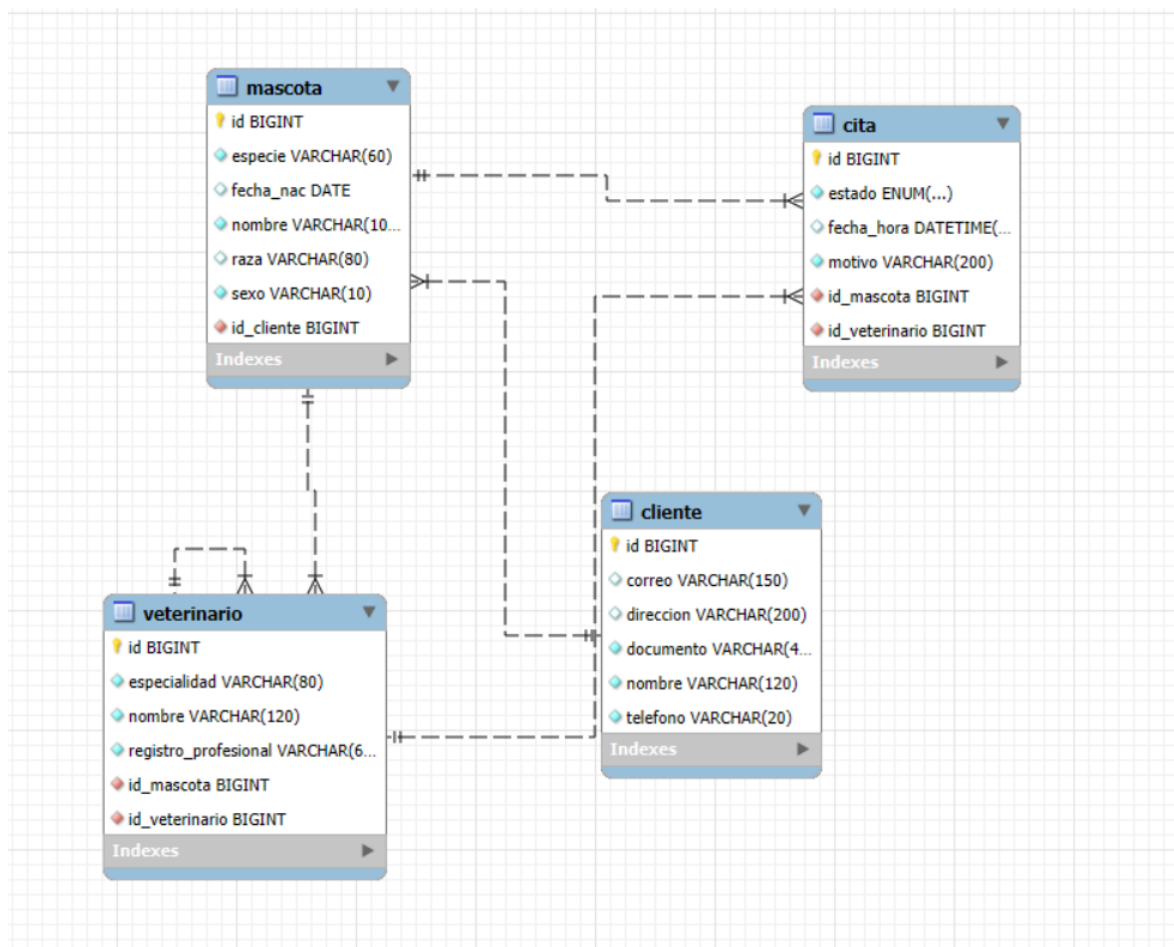
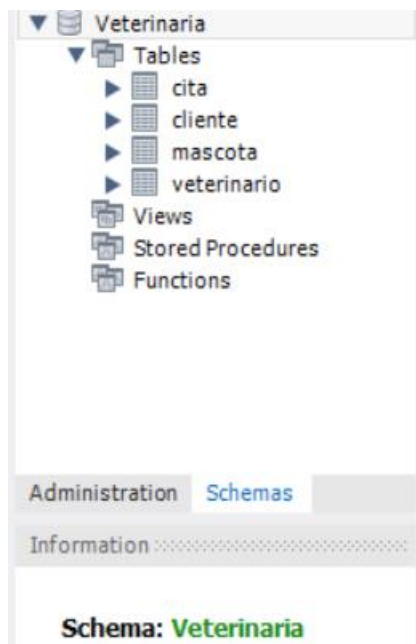
PROGRAMA DE INGENIERÍA DE SISTEMAS

UNIVERSIDAD DE CUNDINAMARCA

EXTENSIÓN CHIA

OCTUBRE 2025







Postman: PUT y GET:

PUT ▼ http://localhost:8080/api/clientes/1

Params Authorization Headers (8) **Body** ● Scripts ● Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1 {
2   "nombre": "Juan P.",
3   "documento": "CC123",
4   "telefono": "3121111111",
5   "correo": "juanp@example.com",
6   "direccion": "Calle 9 #8-7"
7 }
```

Body Cookies Headers (5) Test Results (1/1) ↺

{} JSON ▼ ▶ Preview 🖼 Visualize ▼

```
1 {
2   "id": 1,
3   "nombre": "Juan P.",
4   "documento": "CC123",
5   "telefono": "3121111111",
6   "correo": "juanp@example.com",
7   "direccion": "Calle 9 #8-7"
8 }
```

PUT ▼ http://localhost:8080/api/mascotas/1

Params Authorization Headers (8) **Body** ● Scripts ● Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1 {
2   "nombre": "Firulais",
3   "especie": "Perro",
4   "raza": "Mestizo",
5   "sexo": "Macho",
6   "fechaNac": "2022-06-01",
7   "cliente": { "id": 1 }
8 }
```

Body Cookies Headers (5) Test Results (1/1) ↺

{} JSON ▼ ▶ Preview 🖼 Visualize ▼

```
1 {
2   "id": 1,
3   "nombre": "Firulais",
4   "especie": "Perro",
5   "raza": "Mestizo",
6   "sexo": "Macho",
7   "fechaNac": "2022-06-01",
8   "cliente": {
9     "id": 1,
10    "nombre": null,
11    "documento": null,
12    "telefono": null,
13    "correo": null,
14    "direccion": null
15  }
16 }
```



GET ⌵ http://localhost:8080/api/clientes

Params Authorization Headers (6) **Body** Scripts Tests Settings

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (5) Test Results (1/1) ↺

{ } JSON ⌵ ▶ Preview 🖼 Visualize ⌵

```
1  [
2    {
3      "id": 1,
4      "nombre": "Juan P.",
5      "documento": "CC123",
6      "telefono": "3121111111",
7      "correo": "juanp@example.com",
8      "direccion": "Calle 9 #8-7"
9    }
10 ]
```

POST:

POST ⌵ http://localhost:8080/api/citas

Params Authorization Headers (8) **Body** Scripts Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ⌵

```
1  {
2    "fechaHora": "2025-11-01T15:30:00",
3    "motivo": "Vacunación",
4    "estado": "Programada",
5    "mascota": { "id": 1 },
6    "veterinario": { "id": 1 }
7  }
```

Body Cookies Headers (4) Test Results (0/1) ↺

📄 Raw ⌵ ▶ Preview 🔗 Debug with AI ⌵

```
1  Mascota no existe
```



POST ▼ `http://localhost:8080/api/veterinarios`

Params Authorization Headers (8) **Body** ● Scripts ● Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON**

```
1 {
2   "nombre": "Dra. López",
3   "especialidad": "General",
4   "registroProfesional": "REG-001"
5 }
```

Body Cookies Headers (4) Test Results (0/1) ↻

{ } JSON ▼ ▶ Preview 🐞 Debug with AI ▼

```
1 {
2   "timestamp": "2025-10-28T01:26:00.436+00:00",
3   "status": 500,
4   "error": "Internal Server Error",
5   "path": "/api/veterinarios"
6 }
```

POST ▼ `http://localhost:8080/api/clientes`

Params Authorization Headers (8) **Body** ● Scripts ● Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1 {
2   "nombre": "Juan Pérez",
3   "documento": "CC123",
4   "telefono": "3120000000",
5   "correo": "juan@example.com",
6   "direccion": "Calle 1 #2-3"
7 }
```

Body Cookies Headers (5) Test Results (1/1) ↻

{ } JSON ▼ ▶ Preview 🖼️ Visualize ▼

```
1 {
2   "id": 1,
3   "nombre": "Juan Pérez",
4   "documento": "CC123",
5   "telefono": "3120000000",
6   "correo": "juan@example.com",
7   "direccion": "Calle 1 #2-3"
8 }
```



POST ▼ <http://localhost:8080/api/mascotas>

Params Authorization Headers (8) **Body** ● Scripts ● Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL

```
1 {
2   "nombre": "Firulais",
3   "especie": "Perro",
4   "raza": "Criollo",
5   "sexo": "Macho",
6   "fechaNac": "2022-05-10",
7   "cliente": { "id": 1 }
8 }
```

Body Cookies Headers (5) Test Results (1/1) ↺

{} **JSON** ▼ ▶ Preview 🖼 Visualize ▼

```
1 {
2   "id": 1,
3   "nombre": "Firulais",
4   "especie": "Perro",
5   "raza": "Criollo",
6   "sexo": "Macho",
7   "fechaNac": "2022-05-10",
8   "cliente": {
9     "id": 1,
10    "nombre": null,
11    "documento": null,
12    "telefono": null,
13    "correo": null,
14    "direccion": null
15  }
16 }
```



Documentar la API con Swagger

veterinario-controller ^	
GET	/api/veterinarios/{id} v
PUT	/api/veterinarios/{id} v
DELETE	/api/veterinarios/{id} v
GET	/api/veterinarios v
POST	/api/veterinarios v
GET	/api/veterinarios/top-atenciones v
mascota-controller ^	
GET	/api/mascotas/{id} v
PUT	/api/mascotas/{id} v
DELETE	/api/mascotas/{id} v
GET	/api/mascotas v
POST	/api/mascotas v
cliente-controller ^	
GET	/api/clientes/{id} v
PUT	/api/clientes/{id} v
DELETE	/api/clientes/{id} v
GET	/api/clientes v
POST	/api/clientes v
cita-controller ^	
GET	/api/citas/{id} v
PUT	/api/citas/{id} v
DELETE	/api/citas/{id} v
GET	/api/citas v
POST	/api/citas v
GET	/api/citas/pendientes v
GET	/api/citas/mascota/{idMascota}/historial v
Schemas ^	
Veterinario > Expand all object	
Cliente > Expand all object	
Mascota > Expand all object	
Cita > Expand all object	



Veterinario ^ Collapse all object

```
id integer int64
nombre* string ≥ 1 characters
especialidad* string ≥ 1 characters
registroProfesional* string ≥ 1 characters
```

Cliente ^ Collapse all object

```
id integer int64
nombre* string ≥ 1 characters
documento* string ≥ 1 characters
telefono* string ≥ 1 characters
correo string
direccion string
```

Mascota ^ Collapse all object

```
id integer int64
nombre* string ≥ 1 characters
especie* string ≥ 1 characters
raza string
sexo* string ≥ 1 characters
fechaNac string date
cliente > Expand all object
```



Cita ^ Collapse all object

id integer int64

fechaHora string date-time

motivo string

estado > Expand all string

masкота > Expand all object

veterinario > Expand all object