



UNIVERSIDAD
DE LOS ANDES
VENEZUELA



Sistema Gimnasio Impacto

Mérida, Venezuela 2016

■ Descripción:

- El sistema cubre las siguientes áreas principales:

➡ Área de Recepción.

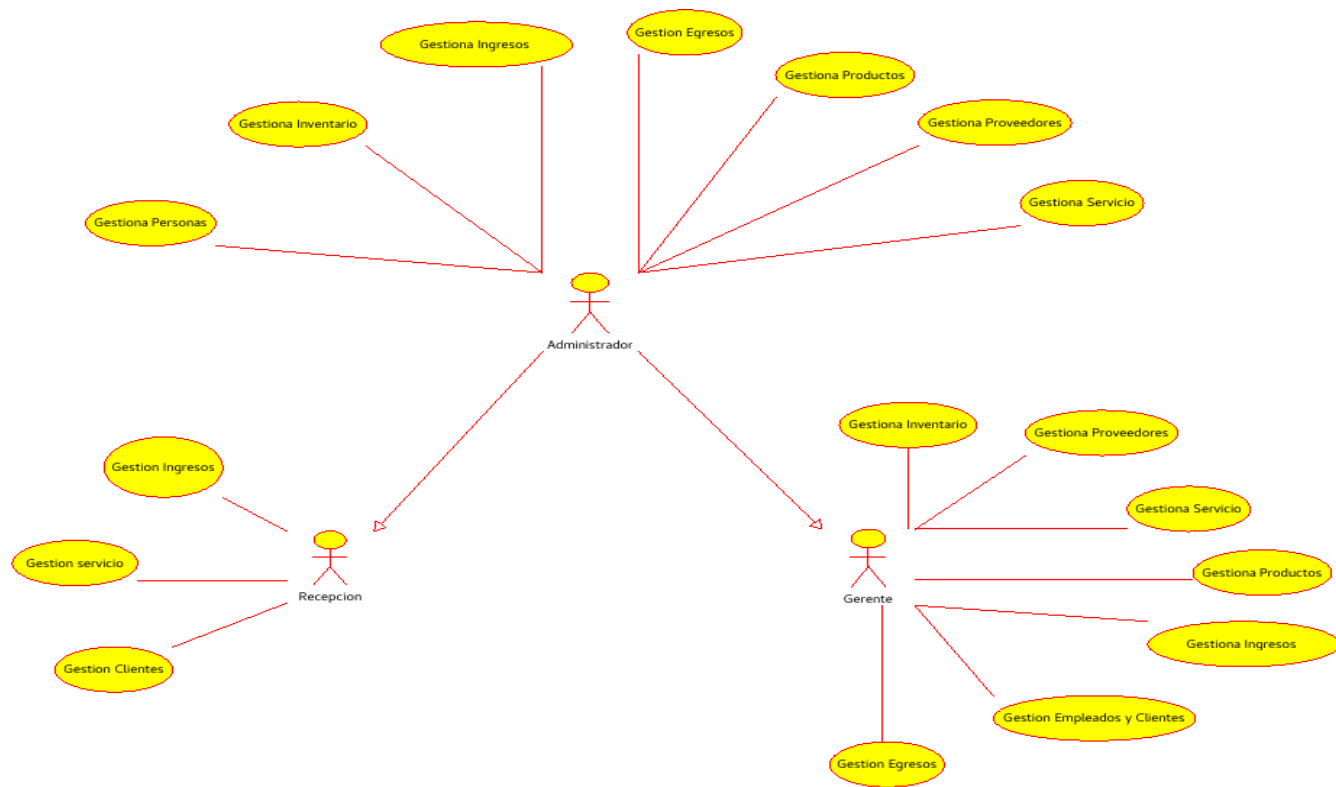
➡ Área del Cafetín.

➡ Control de inventario.

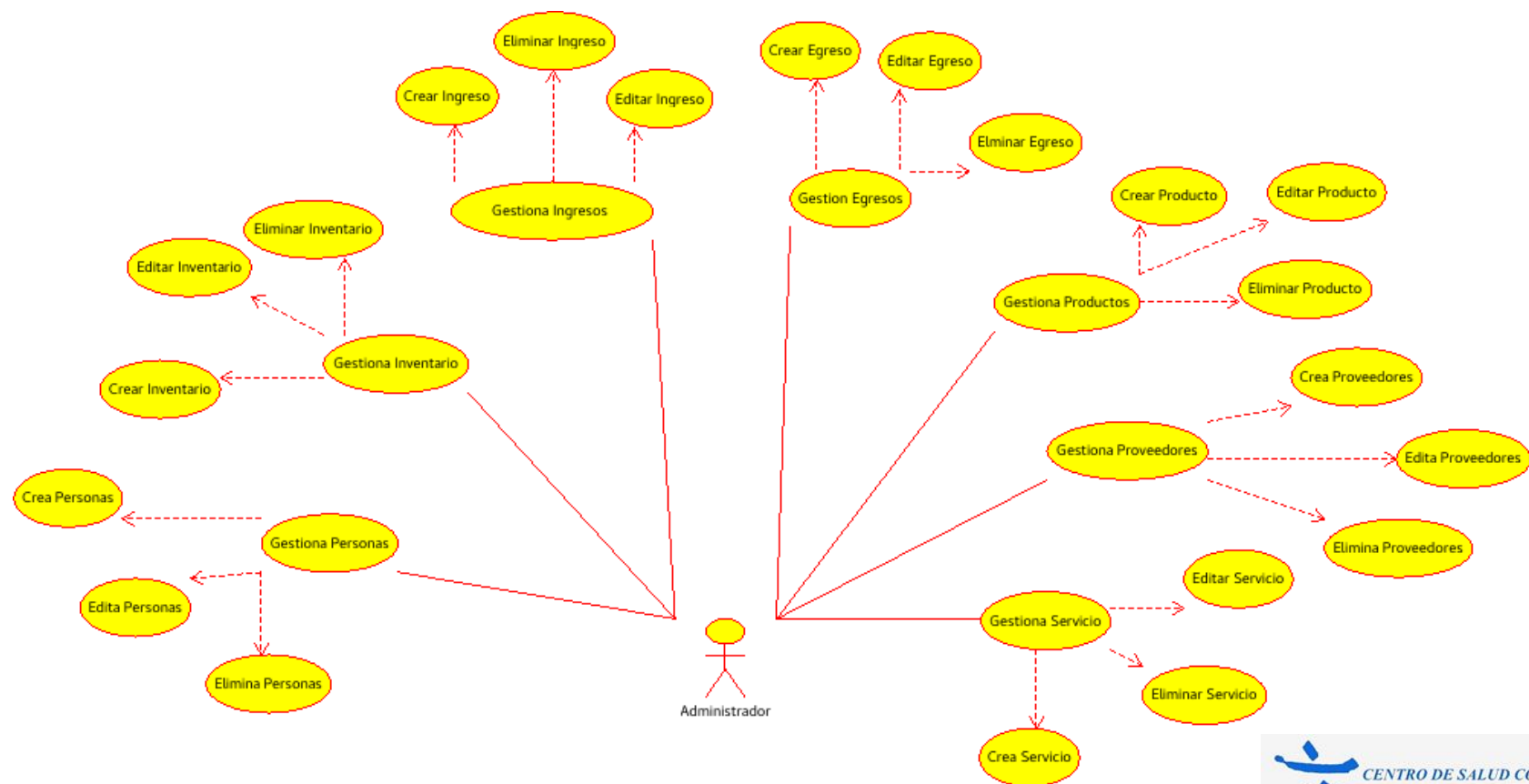
■ Alcance:

- ✓ Clientes
- ✓ Proveedores
- ✓ Empleados
- ✓ Inventario de equipos
- ✓ Inventario de productos del cafetín
- ✓ Administración del gimnasio

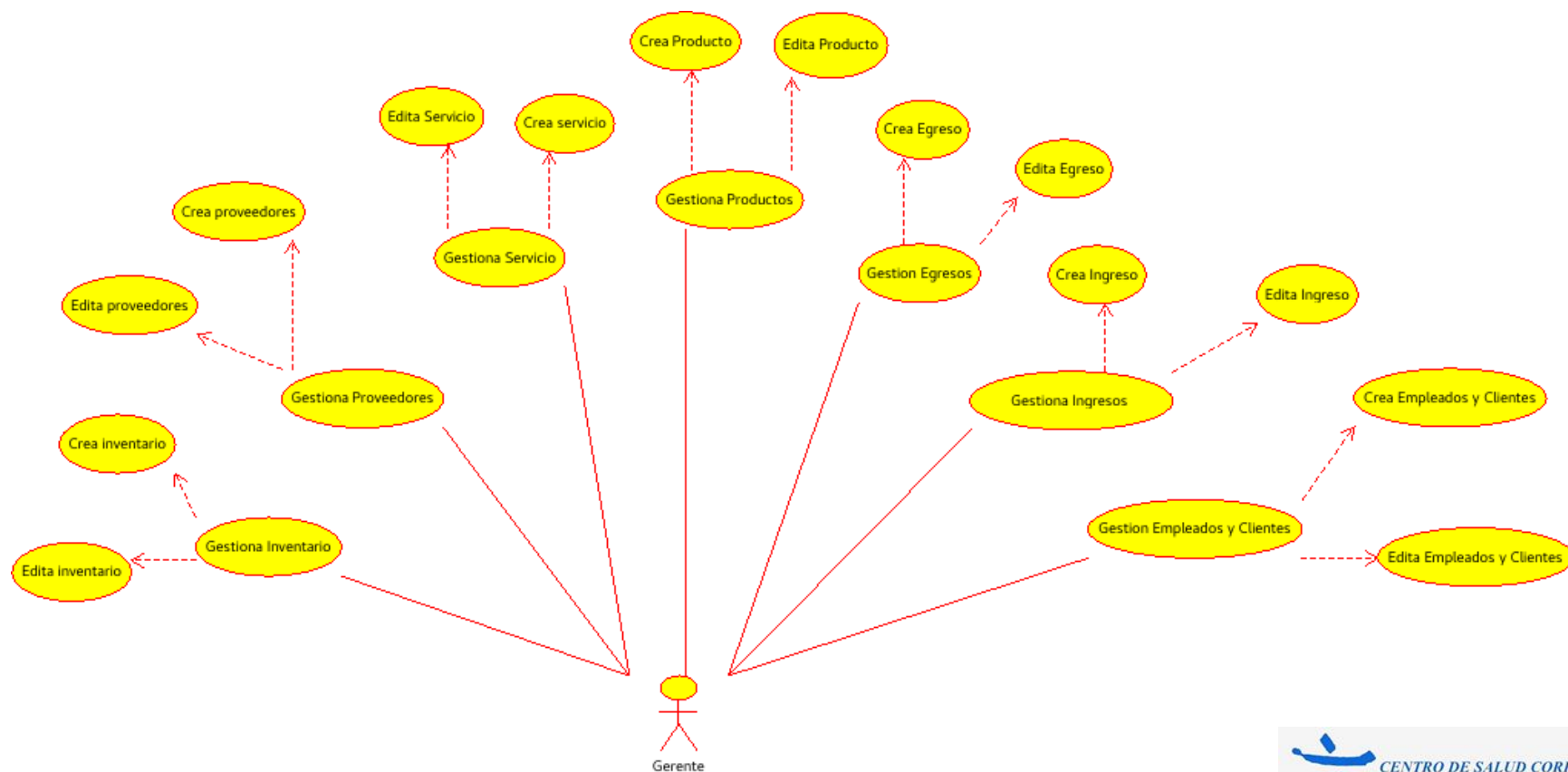
■ Jerarquía de Actores



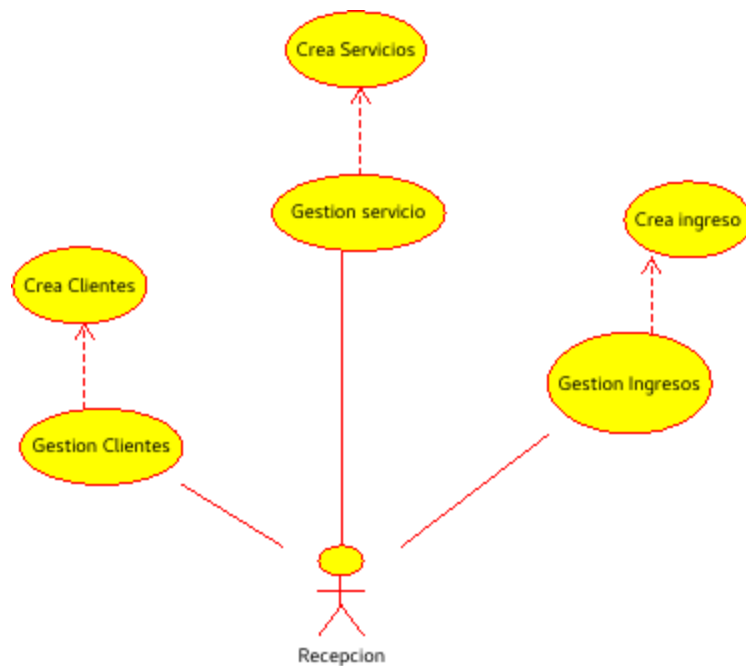
Casos de Uso: Administrador



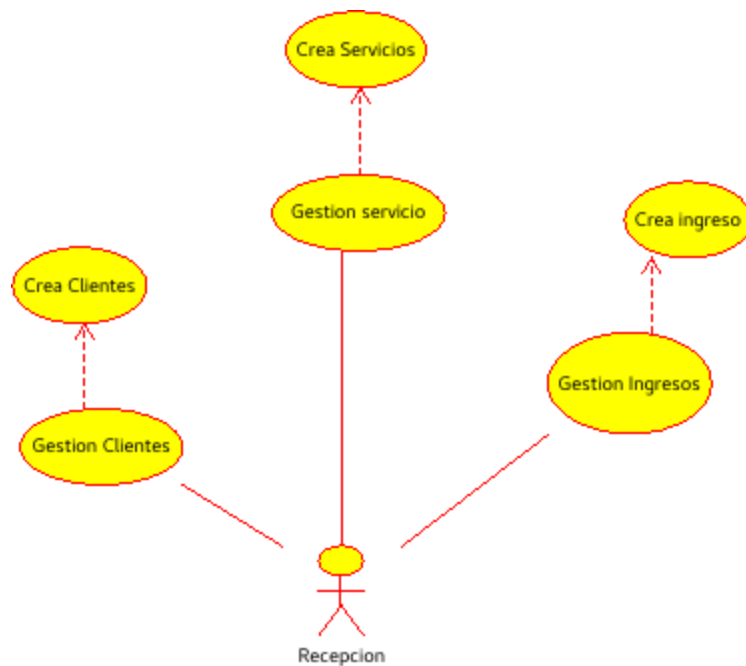
■ Casos de uso: Gerente



■ Casos de uso: Recepción



■ Casos de uso: Recepción



| | |
|------------|-------------------------------|
| person | |
| ci | varchar(10) |
| name | varchar(20) |
| last_name | varchar(20) |
| birth_date | date |
| gender | enum('masculino', 'femenino') |
| dir | varchar(50) |
| phone | varchar(12) |

| | |
|-------------|-----------------------------|
| employee | |
| employee_ci | varchar(10) |
| type_costo | 'medio-tiempo', 'por-horas' |
| pay | double |
| activity | varchar(30) |

| | |
|----------|--|
| user | |
| username | varchar(15) |
| pass | varchar(15) |
| rol | 'cepccion', 'administrador', 'gerente' |
| user_ci | varchar(10) |

| | |
|-------------|-----------------|
| expenses | |
| id | int(11) |
| date | date |
| total | double unsigned |
| user_id | varchar(15) |
| description | varchar(50) |

| | |
|---------------------|----------------------------|
| equipment_inventory | |
| id | int(11) |
| name | varchar(20) |
| model | varchar(20) |
| ad_date | date |
| cost | double |
| state | enum('activo', 'inactivo') |
| quantity | int(11) |
| user_id | varchar(15) |
| description | varchar(50) |

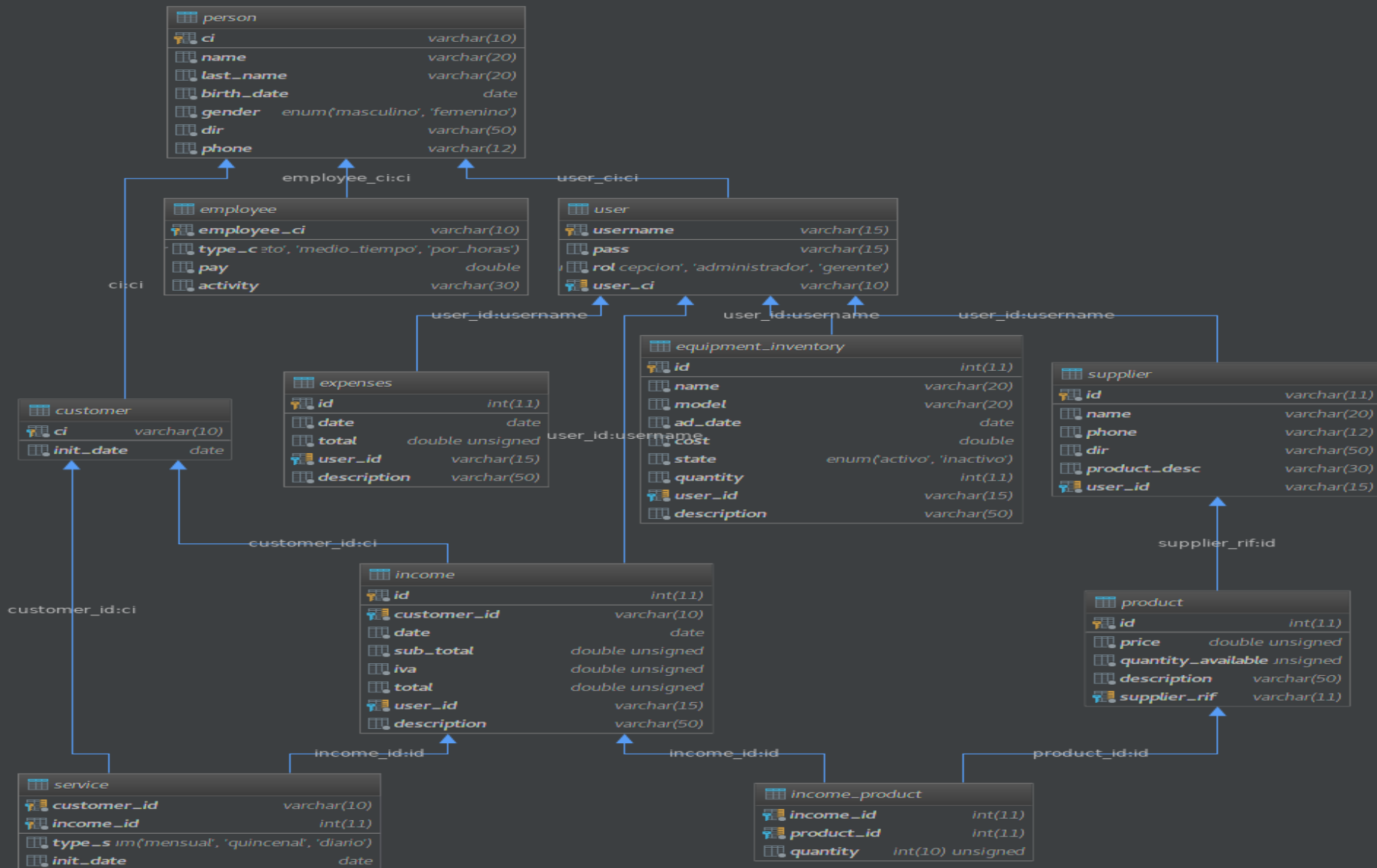
| | |
|--------------|-------------|
| supplier | |
| id | varchar(11) |
| name | varchar(20) |
| phone | varchar(12) |
| dir | varchar(50) |
| product_desc | varchar(30) |
| user_id | varchar(15) |

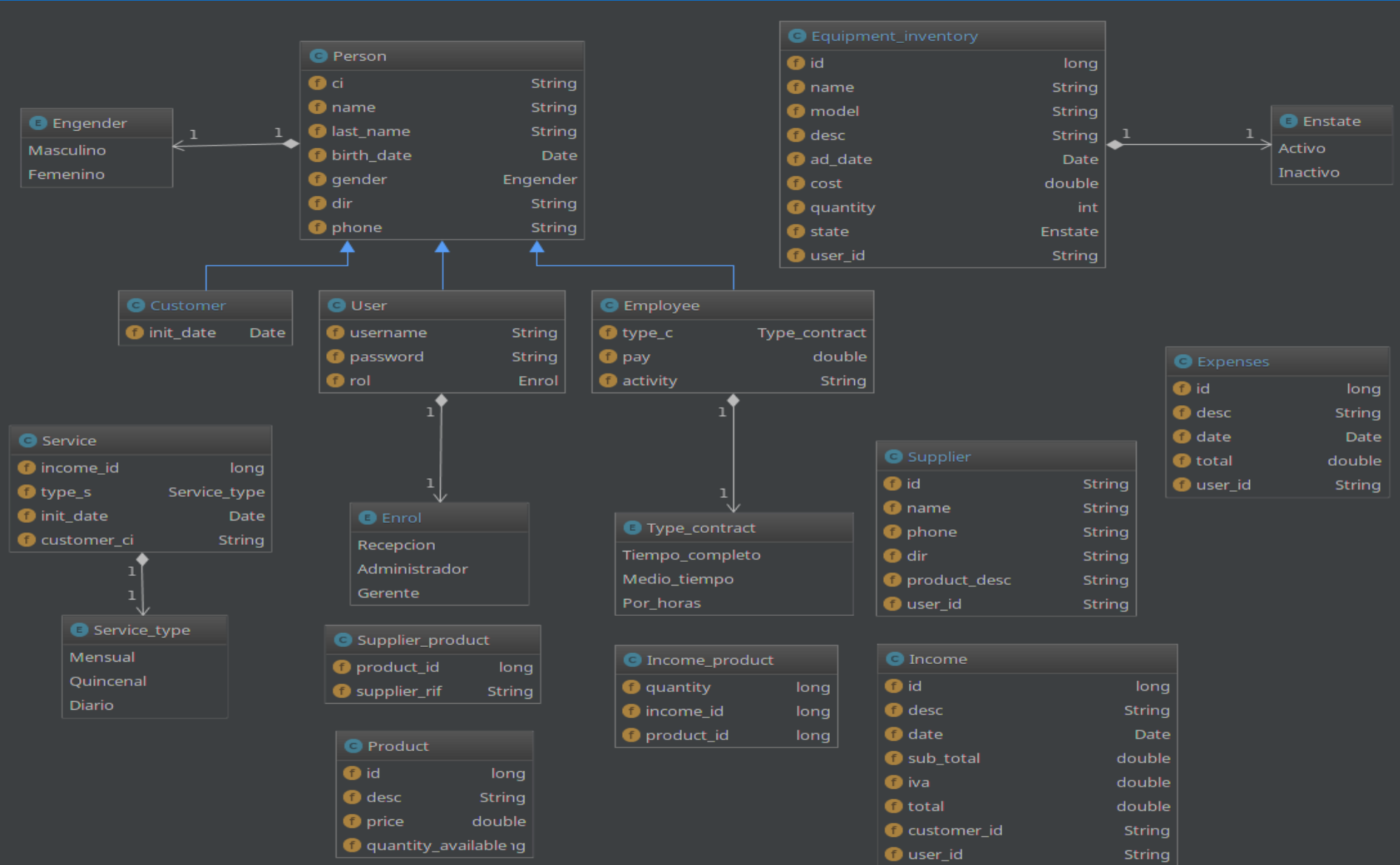
| | |
|-------------|-----------------|
| income | |
| id | int(11) |
| customer_id | varchar(10) |
| date | date |
| sub_total | double unsigned |
| iva | double unsigned |
| total | double unsigned |
| user_id | varchar(15) |
| description | varchar(50) |

| | |
|--------------------|-----------------|
| product | |
| id | int(11) |
| price | double unsigned |
| quantity_available | int unsigned |
| description | varchar(50) |
| supplier_rif | varchar(11) |

| | |
|---------------|----------------------------------|
| service | |
| customer_id | varchar(10) |
| income_id | int(11) |
| type_servicio | 'mensual', 'quincenal', 'diario' |
| init_date | date |

| | |
|----------------|------------------|
| income_product | |
| income_id | int(11) |
| product_id | int(11) |
| quantity | int(10) unsigned |





Funcionalidades

The image displays three overlapping screenshots of a web application interface for 'CENTRO DE SALUD CORPORAL IMPACTO+'.

- Top Left Window (manager_add_product.fxml <2>):** Shows a form for adding a new product. Fields include 'Codigo:', 'Descripcion:', 'Precio:', 'Cantidad:', and 'Proveedor:'. There are buttons for 'Nuevo Producto' and 'Editar Producto'.
- Top Right Window (admin_login_ui.fxml <2>):** Shows a login interface with a 'Usuario:' label and a text input field. Below the input field are buttons for 'Entrar' and 'Salir', and a checkbox labeled 'Recordar'.
- Bottom Center Window (login_ui.fxml <2>):** Shows a login interface with a 'Usuario:' label and a text input field. Below the input field are buttons for 'Entrar' and 'Salir', and a checkbox labeled 'Recordar'.

All windows feature the 'CENTRO DE SALUD CORPORAL IMPACTO+' logo at the top.