student

S2_03_Nivel_1_Optica@localhost:27017

Data Dictionary

03/11/2021

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Legend

- Primary key
- Primary key disabled
- User-defined primary key
- Unique key
- Unique key disabled
- User-defined unique key
- Active trigger
- Disabled trigger
- Many to one relation
- User-defined many to one relation
- One to many relation
- User-defined one to many relation
- Many to many relation
- User-defined many to many relation
- One to one relation
- User-defined one to one relation
- Input
- Output
- Input/Output
- Uses dependency
- User-defined uses dependency
- Used by dependency
- User-defined used by dependency

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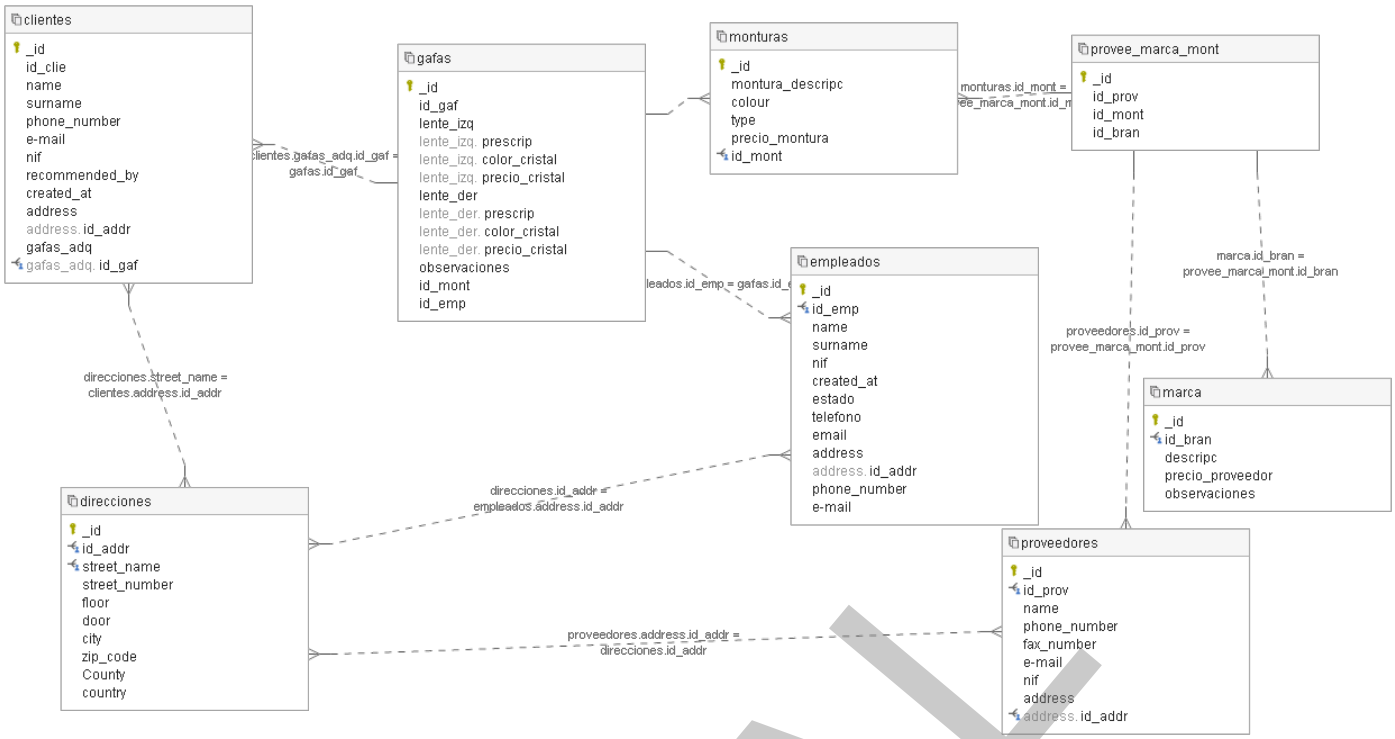
1. New module



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1.1. Tables

1.1.1. Collection: clientes

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Id	**Nullable**
▭		id_clie	Int32	**Nullable**
▭		name	String	**Nullable**
▭		surname	String	**Nullable**
▭		phone_number	String	**Nullable**
▭		e-mail	String	**Nullable**
▭		nif	String	**Nullable**
▭		recommended_by	Int32	**Nullable**
▭		created_at	DateTime	**Nullable**
[{}]		address	Document[]	**Nullable**
▭		address.id_addr	Int32	**Nullable**
[{}]		gafas_adq	Document[]	**Nullable**
▭		gafas_adq.id_gaf	Int32	**Nullable** **References**: gafas

Links to

	Table	Join	Title / Name / Description
⊢	gafas	**clientes**.gafas_adq.id_gaf = gafasid_gaf	fk_gafas_clientes

Linked from

	Table	Join	Title / Name / Description
⊣	direcciones	**clientes**.address.id_addr = direccionesstreet_name	fk_clientes_direcciones

Unique keys

Columns	Name / Description
🔑 _id	_id

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1.1.2. Collection: direcciones

Columns

Name	Data type	Description / Attributes
_id	Id	**Nullable**
id_addr	Int32	**Nullable** **References**: empleados
street_name	String	**Nullable** **References**: clientes
street_number	Int32	**Nullable**
floor	Int32	**Nullable**
door	Int32	**Nullable**
city	String	**Nullable**
zip_code	String	**Nullable**
County	String	**Nullable**
country	String	**Nullable**

Links to

Table	Join	Title / Name / Description
clientes	**direcciones**street_name = clientes.address.id_addr	fk_clientes_direcciones
empleados	**direcciones**id_addr = empleados.address.id_addr	fk_empleados_direcciones

Linked from

Table	Join	Title / Name / Description
proveedores	**direcciones**id_addr = proveedores.address.id_addr	fk_direcciones_proveedores

Unique keys

Columns	Name / Description
_id	_id

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1.1.3. Collection: empleados

Columns

Name	Data type	Description / Attributes
_id	Id	**Nullable**
id_emp	Int32	**Nullable** **References**: gafas
name	String	**Nullable**
surname	String	**Nullable**
nif	String	**Nullable**
created_at	DateTime	**Nullable**
estado	Boolean	**Nullable**
telefono	String	**Nullable**
email	String	**Nullable**
address	Document[]	**Nullable**
address.id_addr	Int32	**Nullable**
phone_number	String	**Nullable**
e-mail	String	**Nullable**

Links to

Table	Join	Title / Name / Description
gafas	**empleados**id_emp = gafasid_emp	fk_gafas_empleados

Linked from

Table	Join	Title / Name / Description
direcciones	**empleados**.address.id_addr = direccionesid_addr	fk_empleados_direcciones

Unique keys

Columns	Name / Description
_id	_id

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1.1.4. Collection: gafas

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Id	Nullable
▭		id_gaf	Int32	Nullable
{}		lente_izq	Document	Nullable
▭		lente_izq.prescrip	String	Nullable
▭		lente_izq.color_cristal	String	Nullable
▭		lente_izq.precio_cristal	Int32	Nullable
{}		lente_der	Document	Nullable
▭		lente_der.prescrip	String	Nullable
▭		lente_der.color_cristal	String	Nullable
▭		lente_der.precio_cristal	Int32	Nullable
▭		observaciones	String	Nullable
▭		id_mont	Int32	Nullable
▭		id_emp	Int32	Nullable

Linked from

	Table	Join	Title / Name / Description
⊣	clientes	gafasid_gaf = clientes.gafas_adq.id_gaf	fk_gafas_clientes
⊣	empleados	gafasid_emp = empleadosid_emp	fk_gafas_empleados
⊣	monturas	gafasid_mont = monturasid_mont	fk_gafas_monturas

Unique keys

	Columns	Name / Description
🔑	_id	_id

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1.1.5. Collection: marca

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Id	**Nullable**
▭		id_bran	Int32	**Nullable** **References**: provee_marca_mont
▭		descripc	String	**Nullable**
▭		precio_proveedor	Double	**Nullable**
▭		observaciones	String	**Nullable**

Links to

	Table	Join	Title / Name / Description
⊢	provee_marca_mont	**marca**id_bran = provee_marca_montid_bran	fk_provee_marca_mont_marca

Unique keys

Columns		Name / Description
🔑	_id	_id

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1.1.6. Collection: monturas

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Id	**Nullable**
▭		montura_descripc	String	**Nullable**
▭		colour	String	**Nullable**
▭		type	String	**Nullable**
▭		precio_montura	Int32	**Nullable**
▭		id_mont	Int32	**Nullable** **References**: gafas, provee_marca_mont

Links to

	Table	Join	Title / Name / Description
⊶	gafas	**monturas**id_mont = gafasid_mont	fk_gafas_monturas
⊶	provee_marca_mont	**monturas**id_mont = provee_marca_montid_mont	fk_provee_marca_mont_monturas

Unique keys

	Columns	Name / Description
🔑	_id	_id

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1.1.7. Collection: provee_marca_mont

Columns

		Name	Data type	Description / Attributes
▭	🔑	_id	Id	Nullable
▭		id_prov	Int32	Nullable
▭		id_mont	Int32	Nullable
▭		id_bran	Int32	Nullable

Linked from

	Table	Join	Title / Name / Description
⊣	marca	provee_marca_montid_bran = marcaid_bran	fk_provee_marca_mont_marca
⊣	monturas	provee_marca_montid_mont = monturasid_mont	fk_provee_marca_mont_monturas
⊣	proveedores	provee_marca_montid_prov = proveedoresid_prov	fk_provee_marca_mont_proveedores

Unique keys

	Columns	Name / Description
🔑	_id	_id

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1.1.8. Collection: proveedores

Columns

Name	Data type	Description / Attributes
_id	Id	**Nullable**
id_prov	Int32	**Nullable** **References**: provee_marca_mont
name	String	**Nullable**
phone_number	String	**Nullable**
fax_number	String	**Nullable**
e-mail	String	**Nullable**
nif	String	**Nullable**
address	Document[]	**Nullable**
address.id_addr	Int32	**Nullable** **References**: direcciones

Links to

Table	Join	Title / Name / Description
direcciones	**proveedores**.address.id_addr = direccionesid_addr	fk_direcciones_proveedores
provee_marca_mont	**proveedores**id_prov = provee_marca_montid_prov	fk_provee_marca_mont_proveedores

Unique keys

Columns	Name / Description
_id	_id

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