

Banco de Dados



Modelagem MySql Workbench



Modelagem MySql Workbench



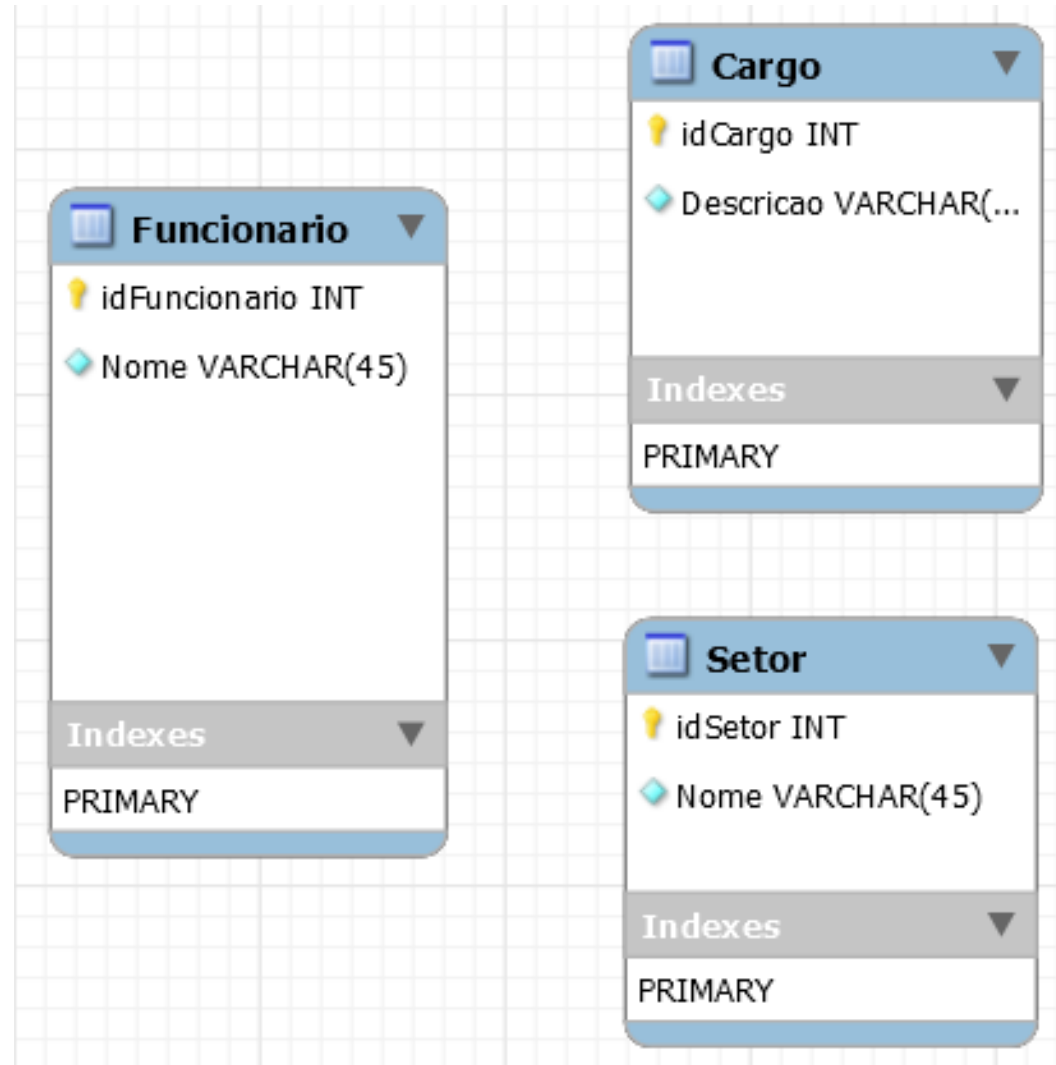
Deseja-se projetar um banco de dados para cadastro de funcionários. É de conhecimento que todo funcionário obrigatoriamente possui um cargo' e caso seja necessário ele pode estar vinculado a um setor.

A principio apenas o nome do funcionário deve ser registrado neste banco, assim como a descrição de cada cargo e o nome dos setores.



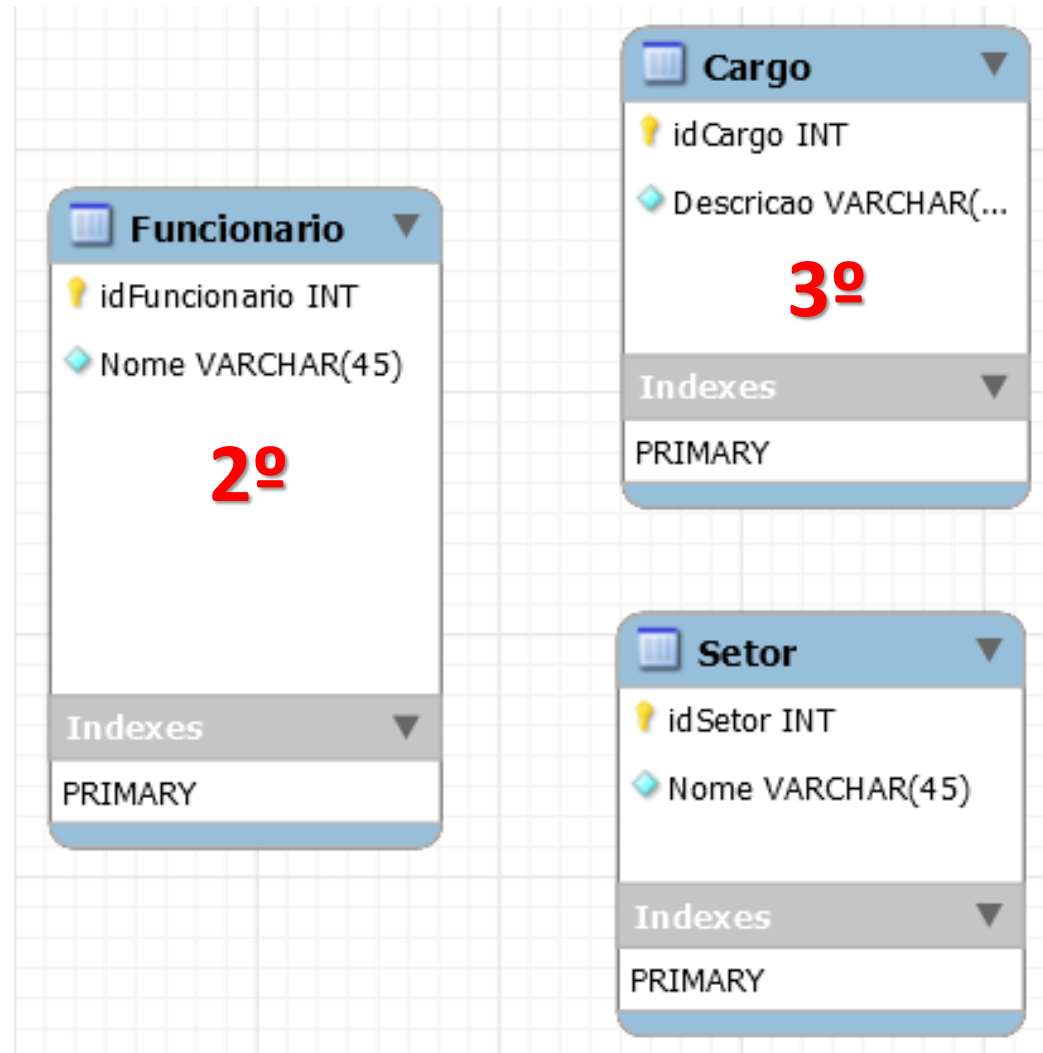
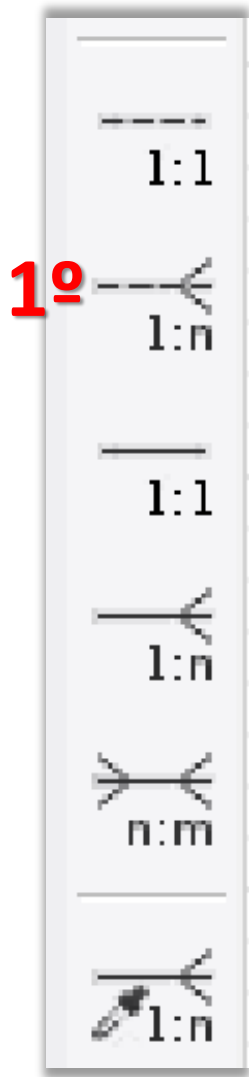


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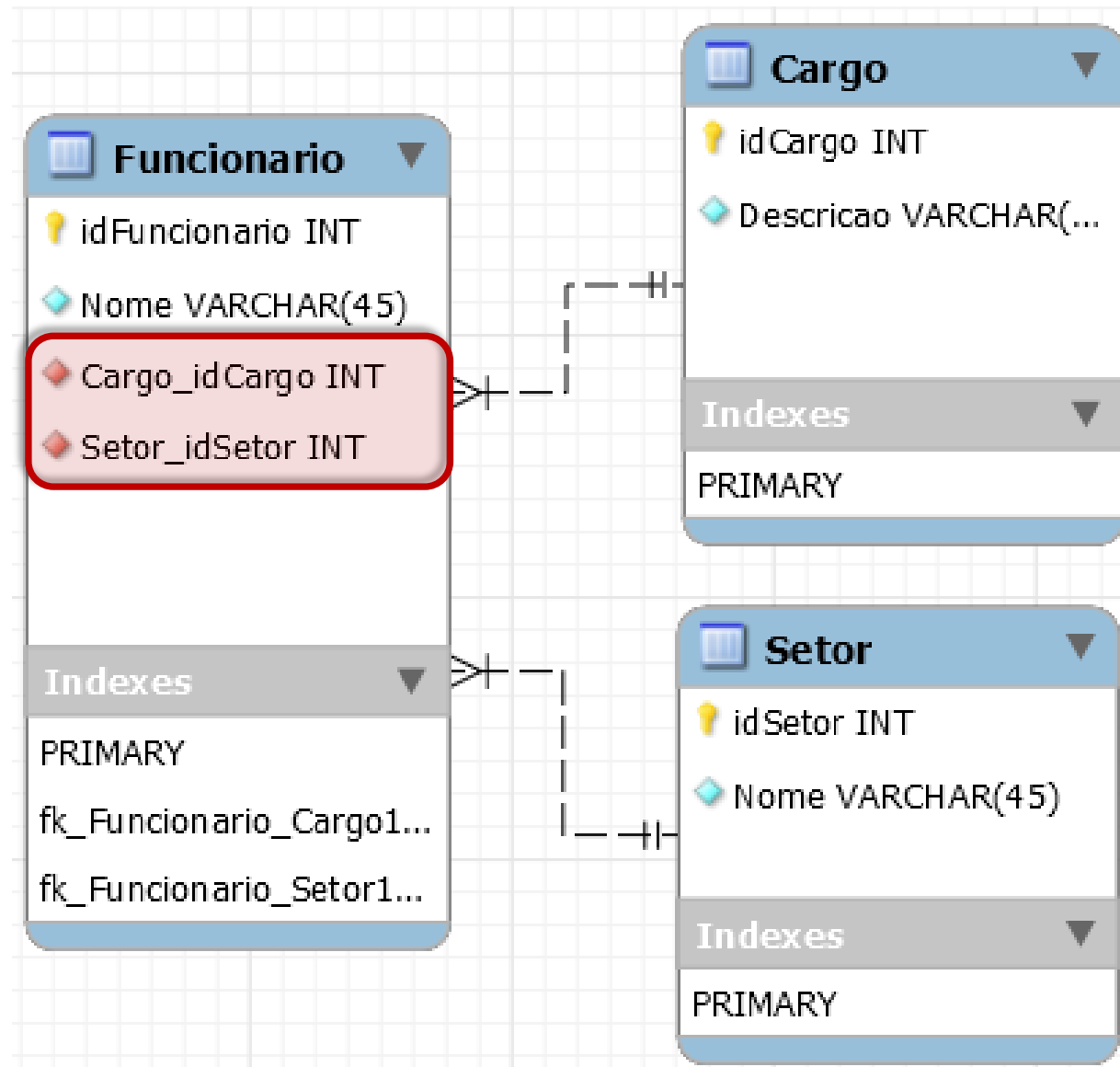
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Repita o processo para criar o relacionamento com a tabela "Setor".



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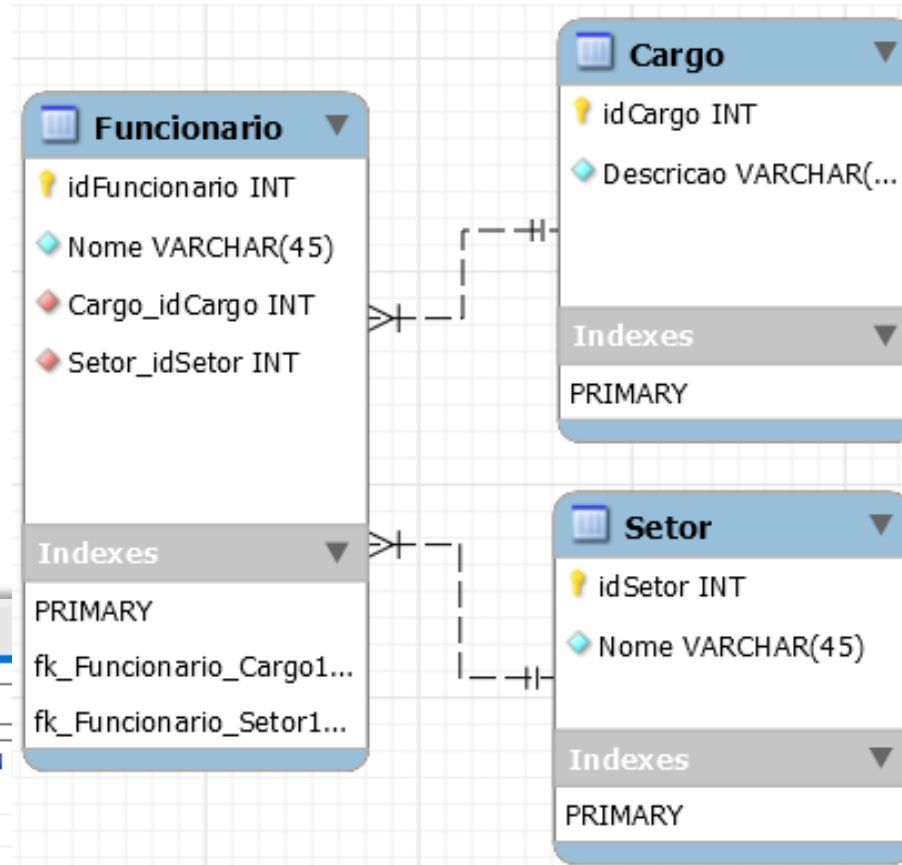
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Funcionario - Table

Table Name: **Funcionario**

Column Name	Datatype	PK	NN	UQ	BIN
idFuncionario	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nome	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cargo_idCargo	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Setor_idSetor	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





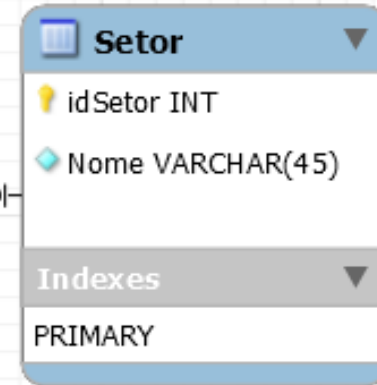
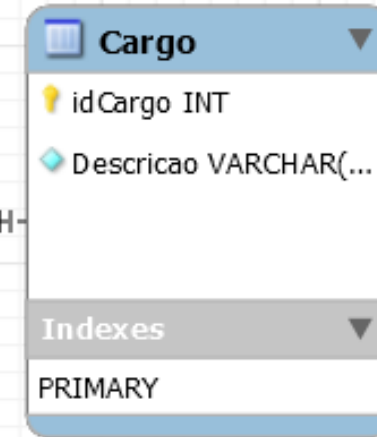
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Funcionario - Table

Table Name: Funcionario

Column Name	Datatype	PK	NN	UQ	BIN
idFuncionario	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Cargo_idCargo	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Setor_idSetor	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





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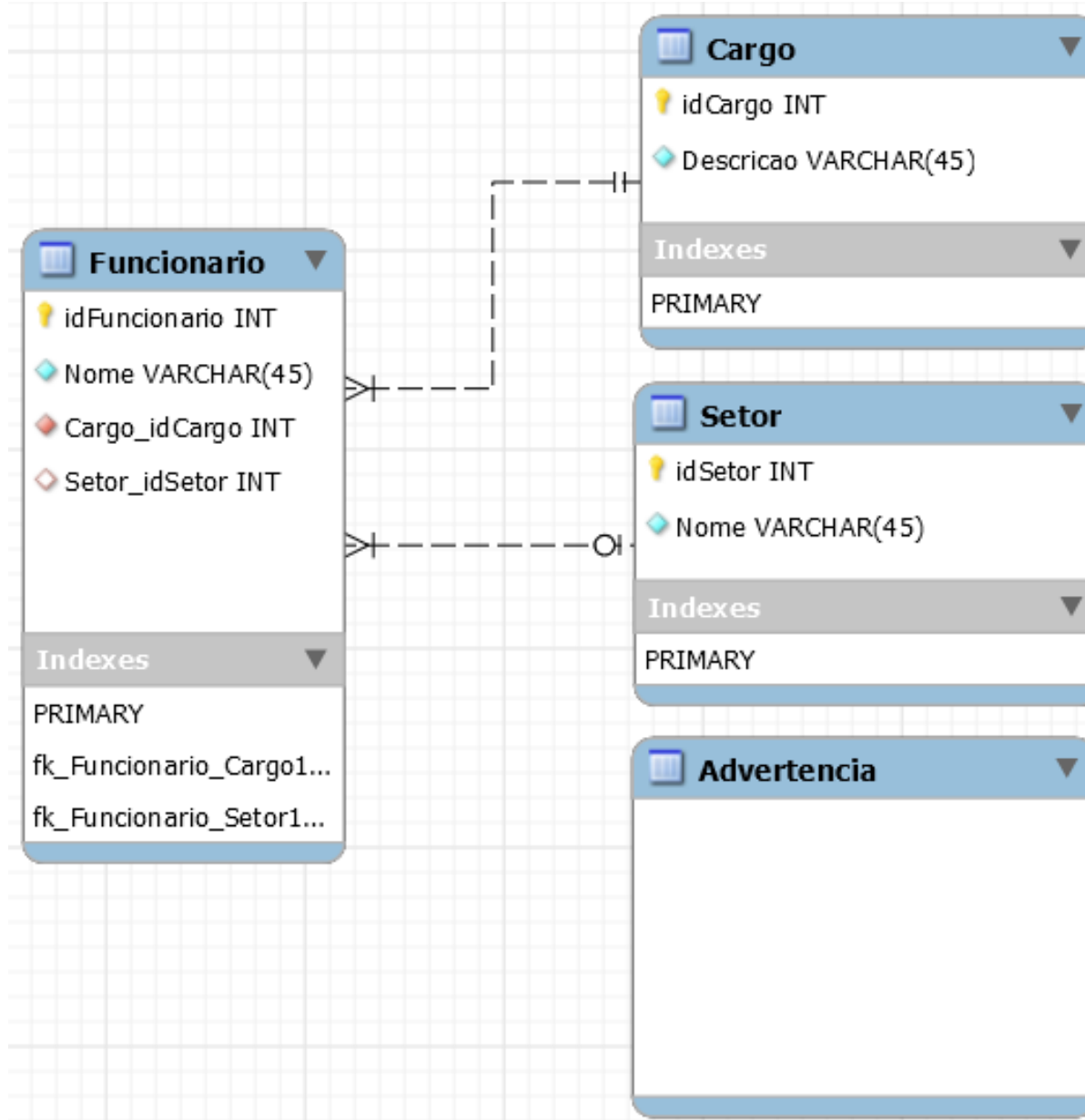
Com a evolução do modelo proposto, surge a necessidade de se registrar advertências para os funcionários.

É importante salientar que uma advertência deve ser registrada para apenas um funcionário e um funcionários pode receber quantas advertências forem necessárias.



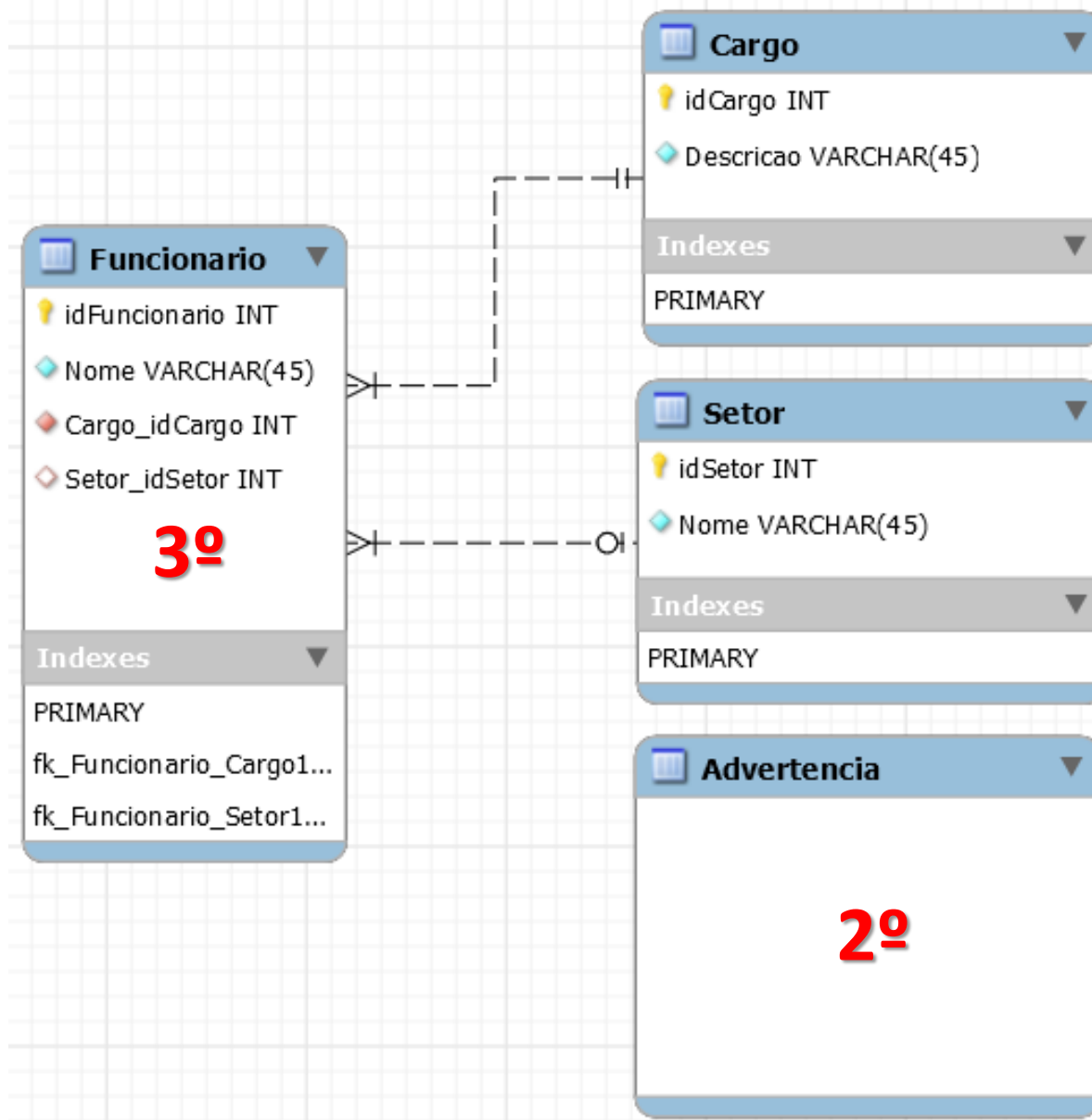
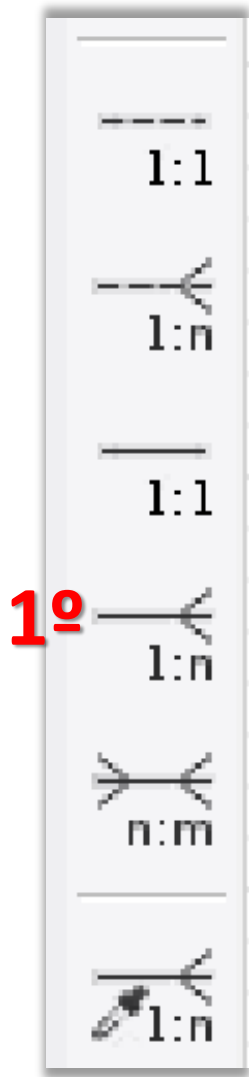


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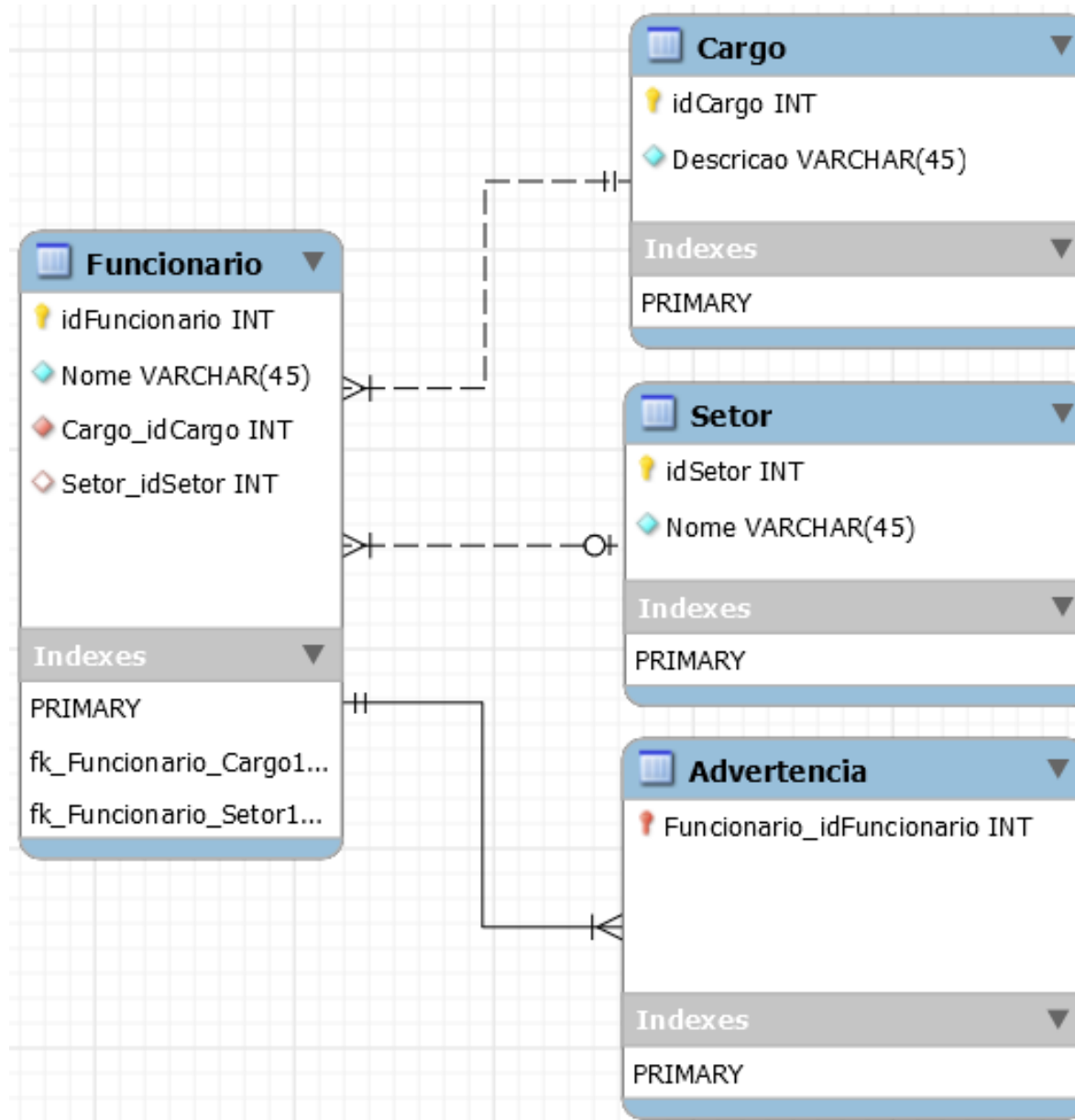
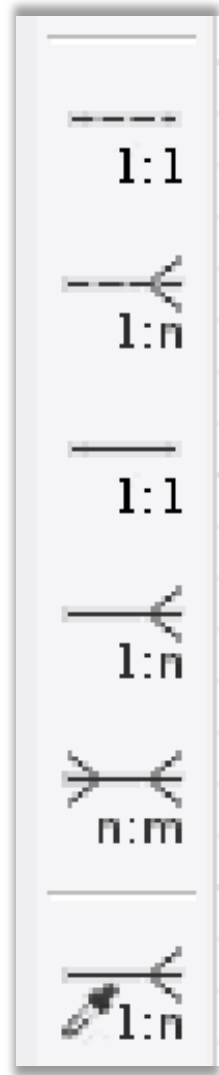


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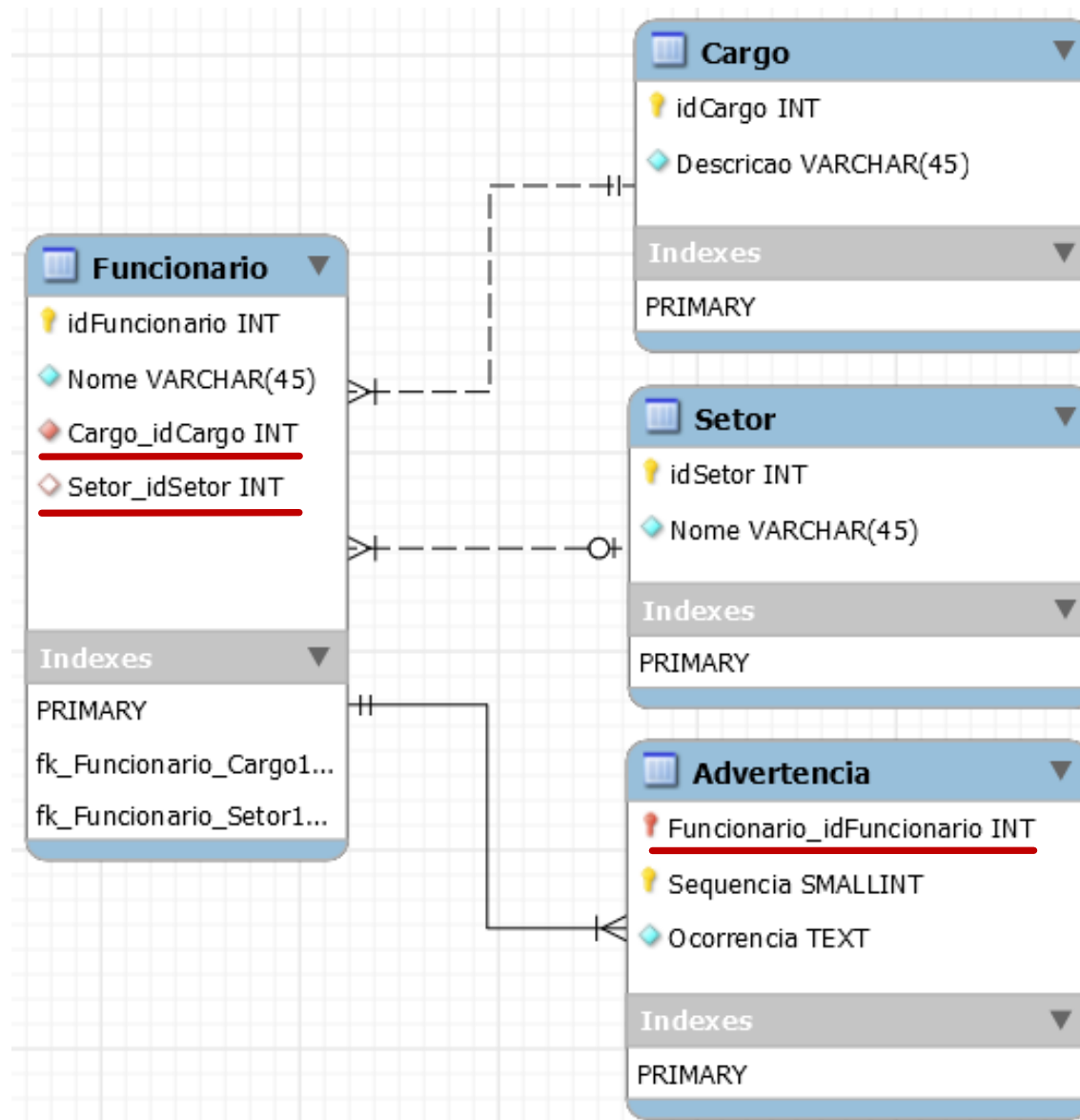


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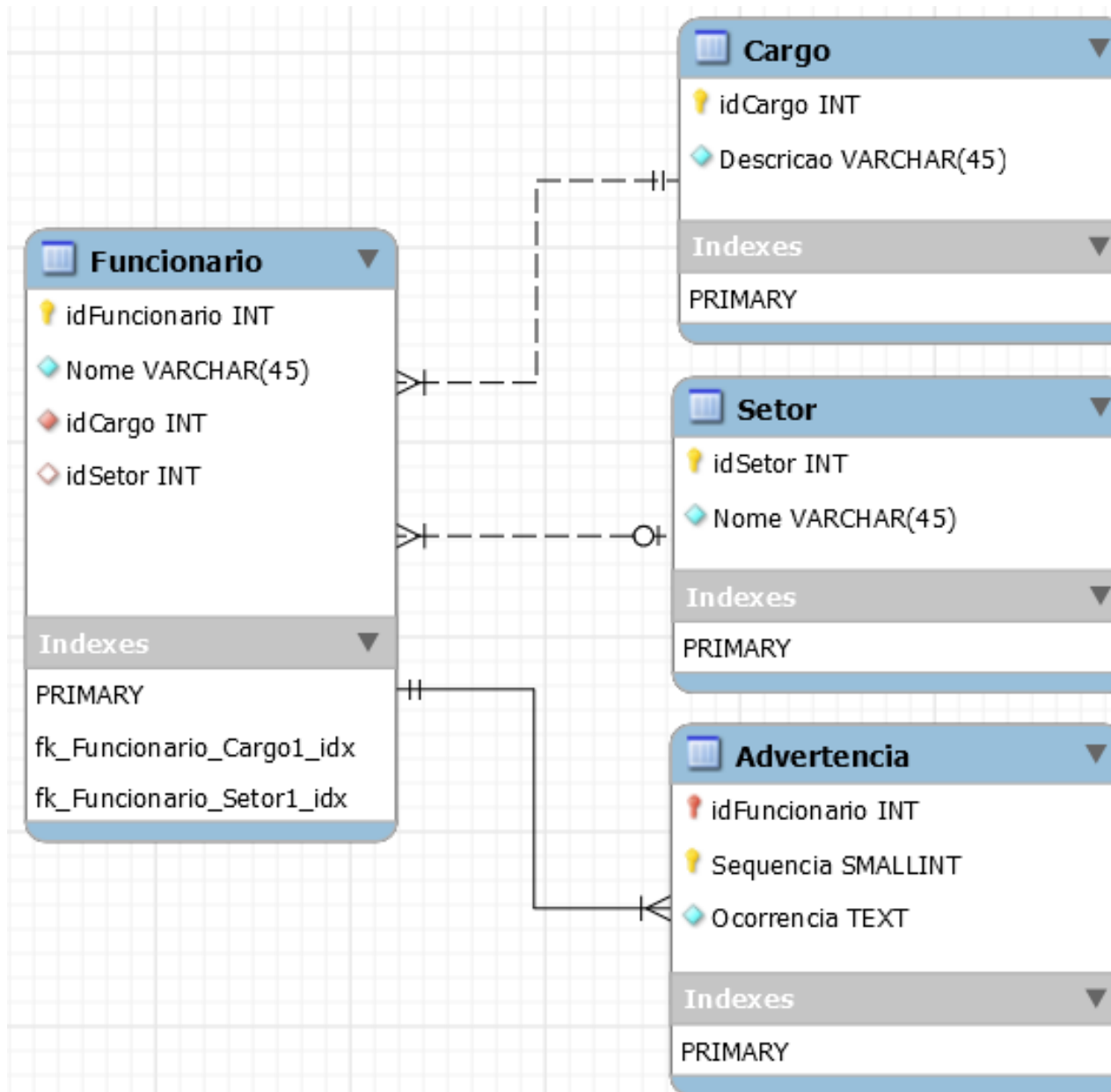


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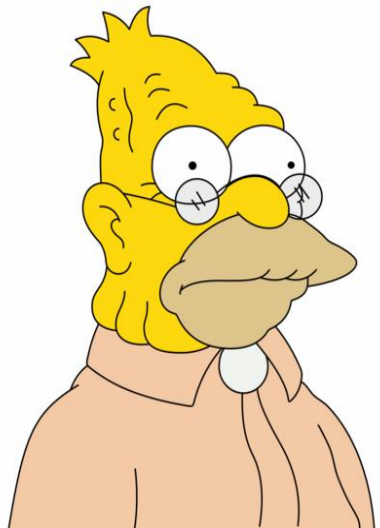


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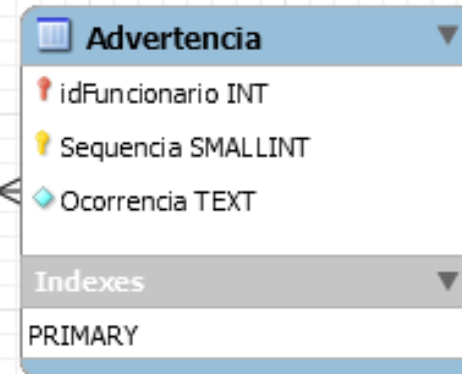
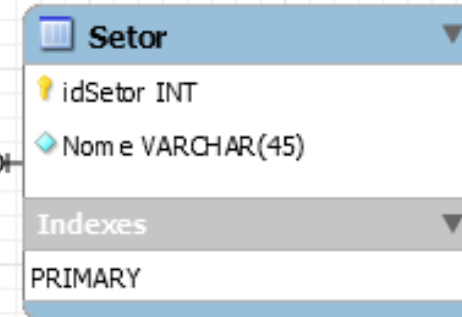
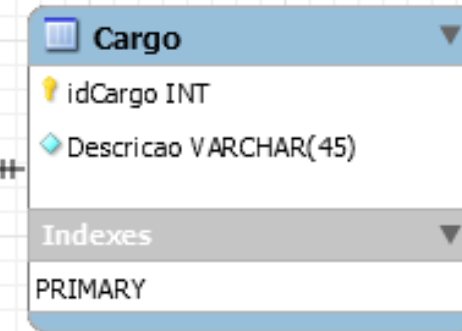
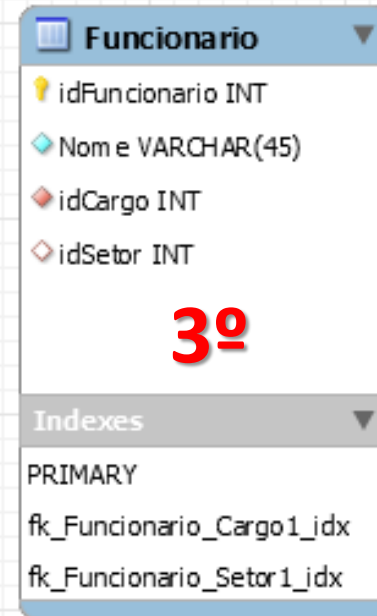
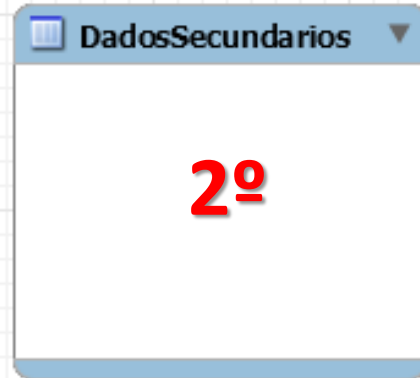
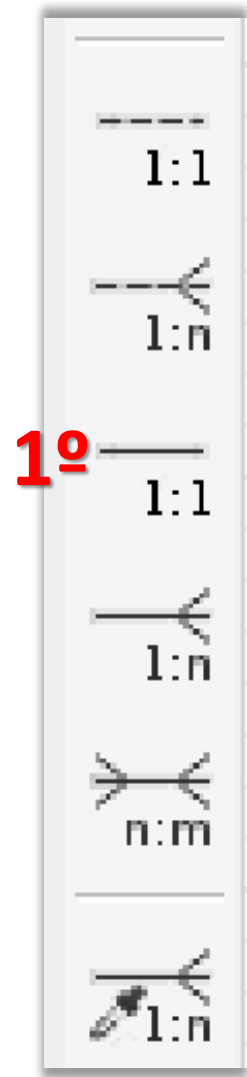
Após diversos funcionários serem registrados no banco de dados, foi proposta a ideia de se registrar o nome do pai e da mãe de cada funcionário, assim como sua altura e sexo.

O que fazer?



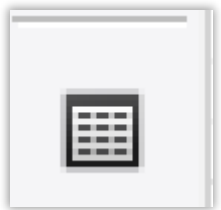
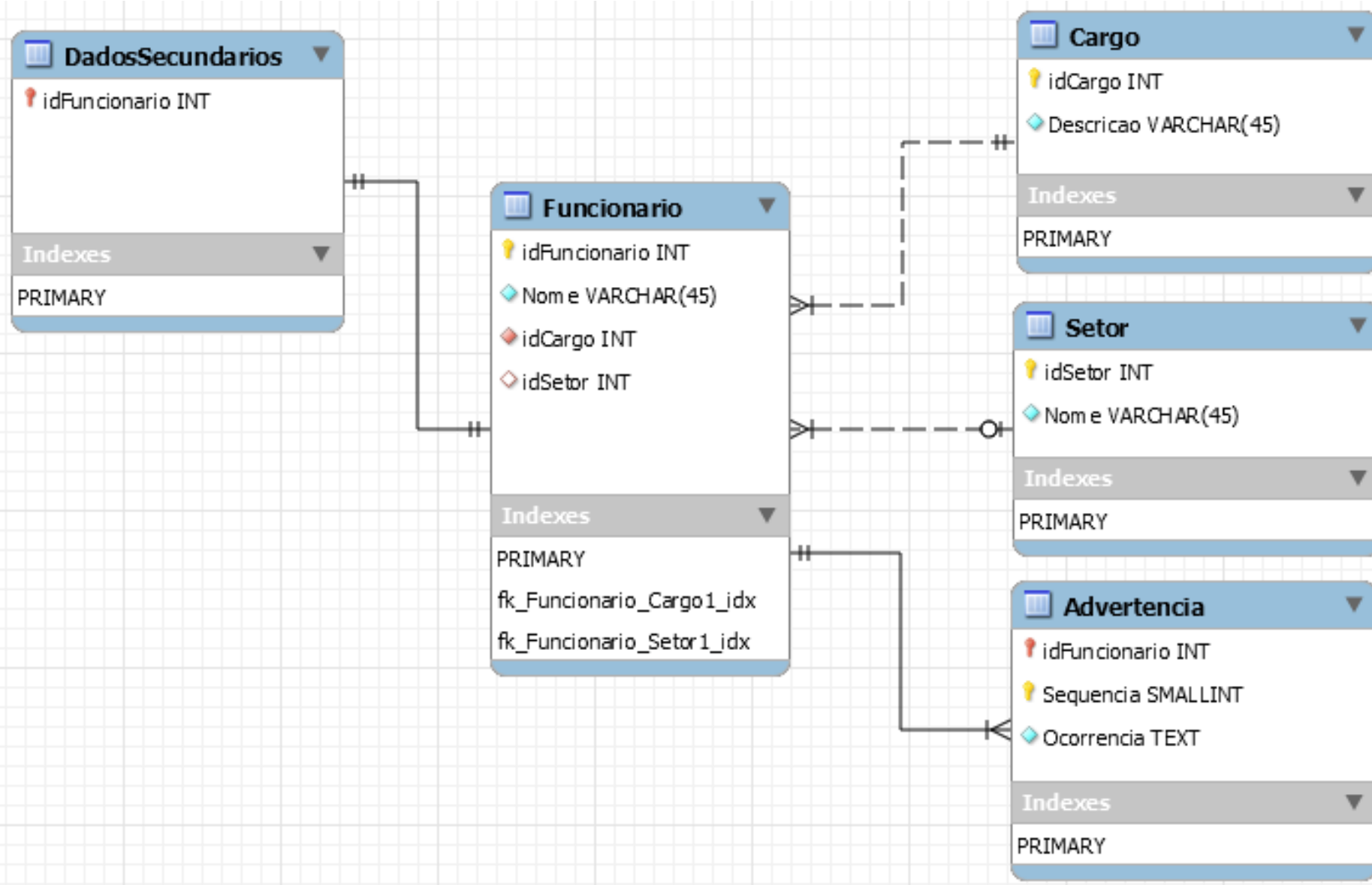


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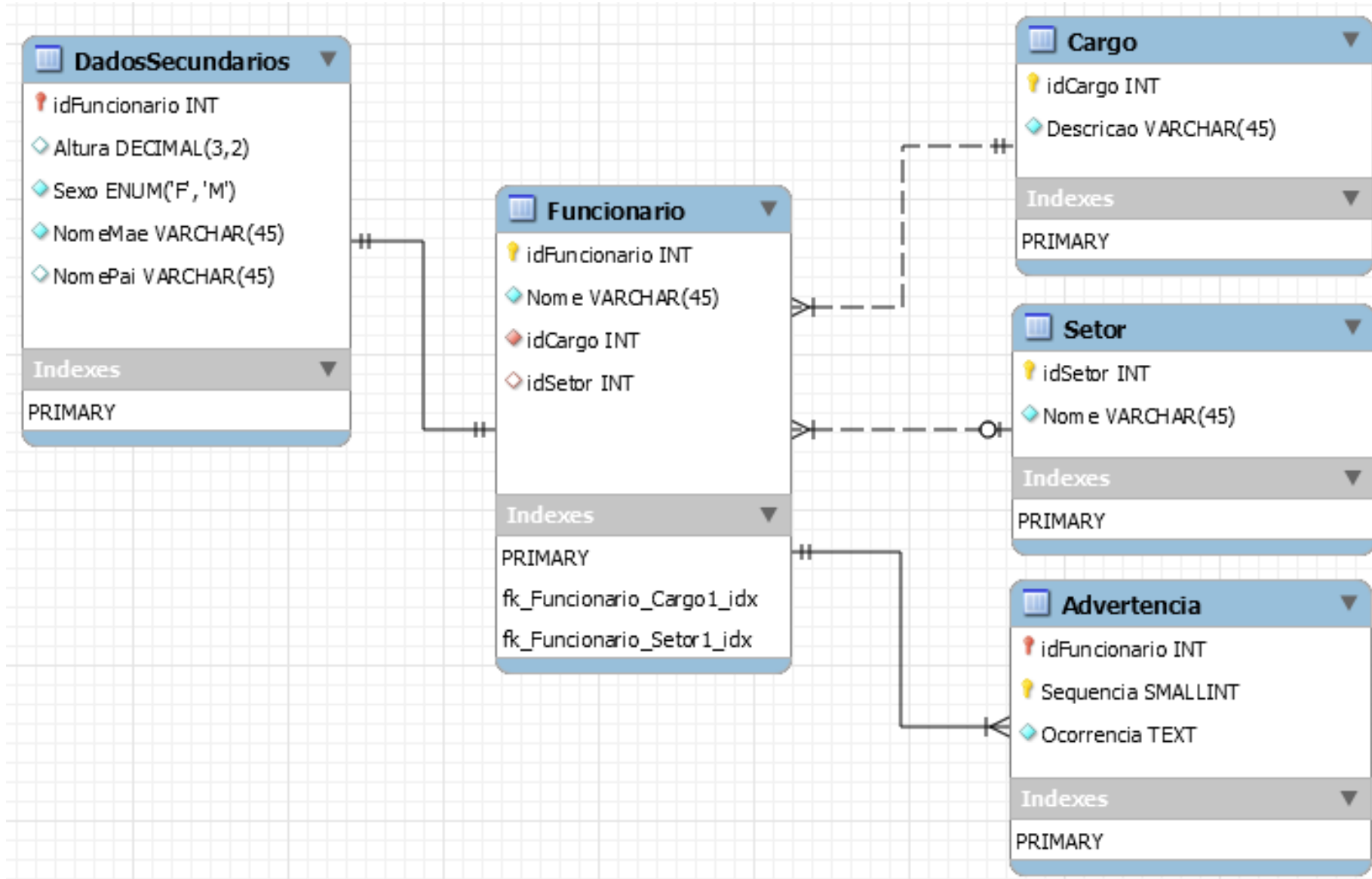


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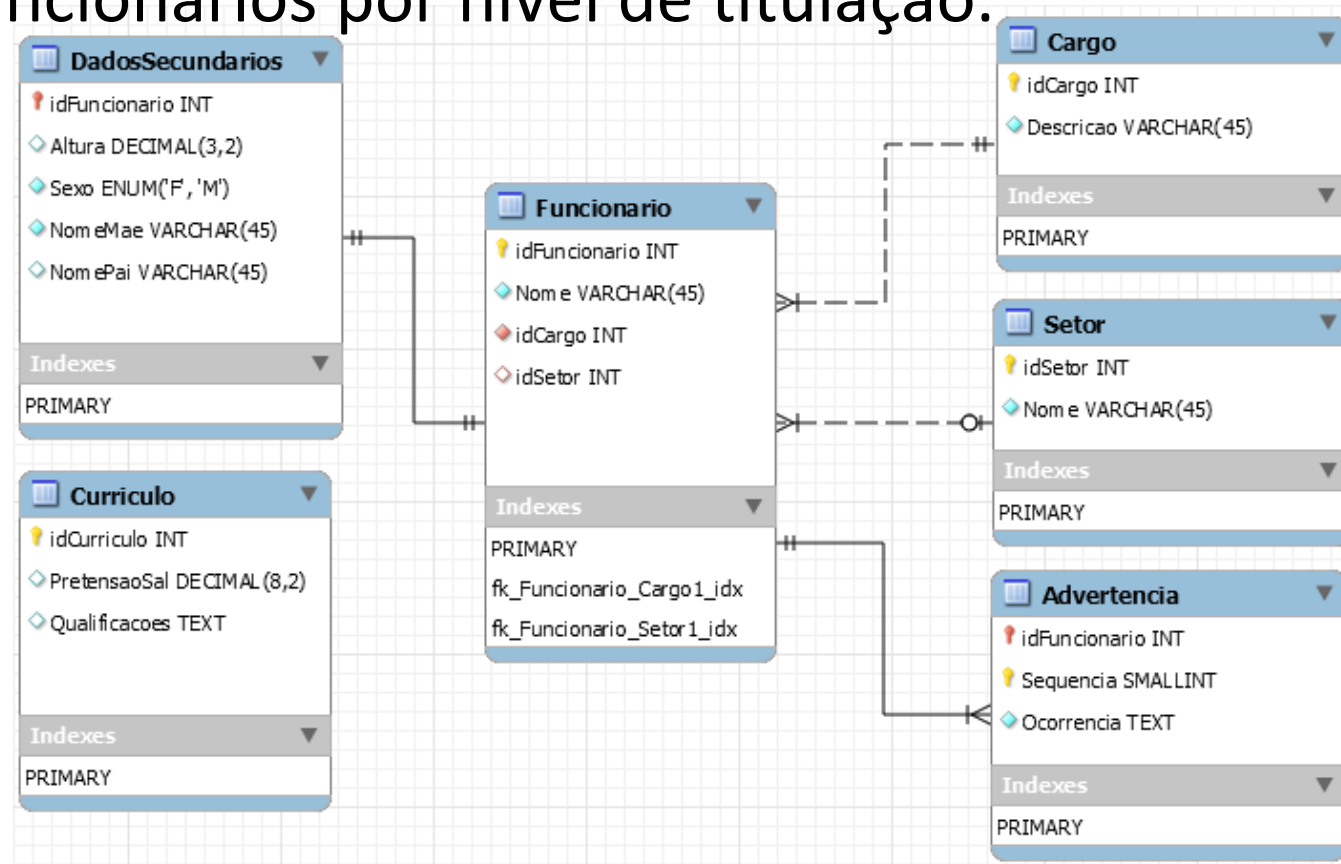




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Com a expansão do sistema da empresa um cadastro de currículos foi elaborado, contudo foi proposto que após a contratação o funcionário fosse vinculado a esse currículo, o que permitiria um melhor controle de promoções aos funcionários por nível de titulação.





Modelagem MySql Workbench



1º

1:1

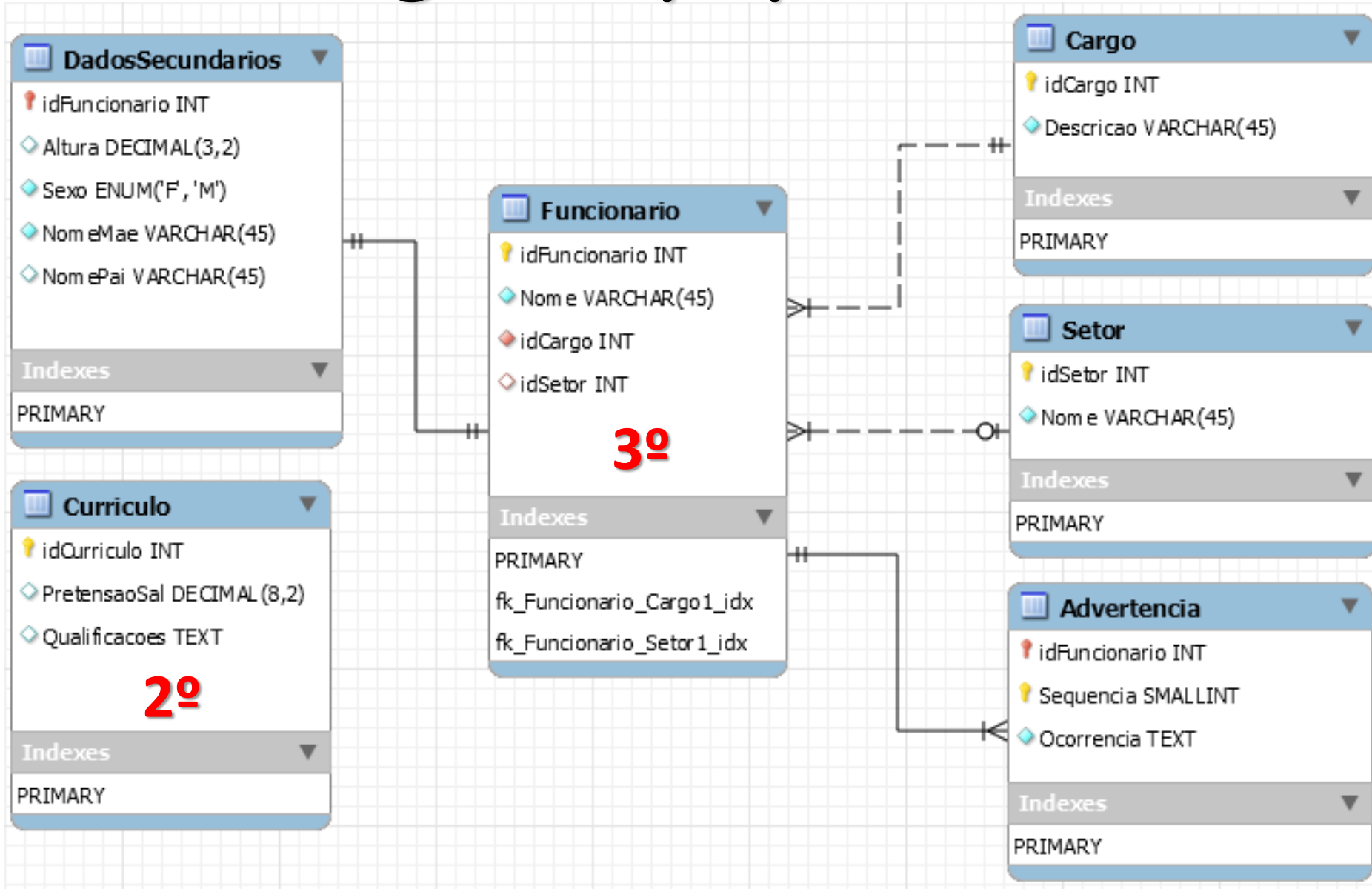
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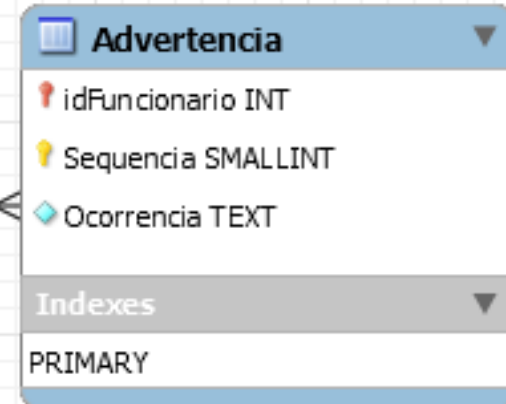
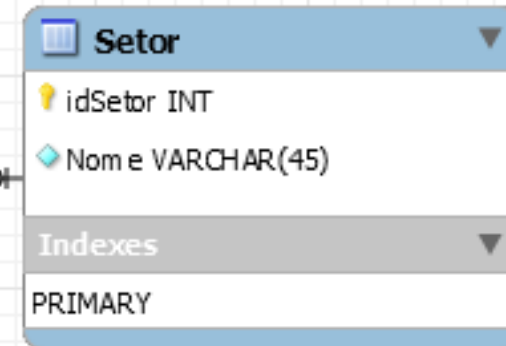
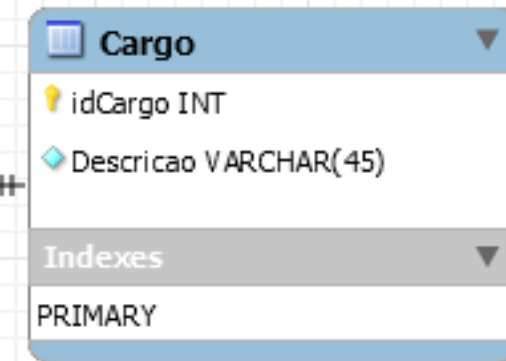
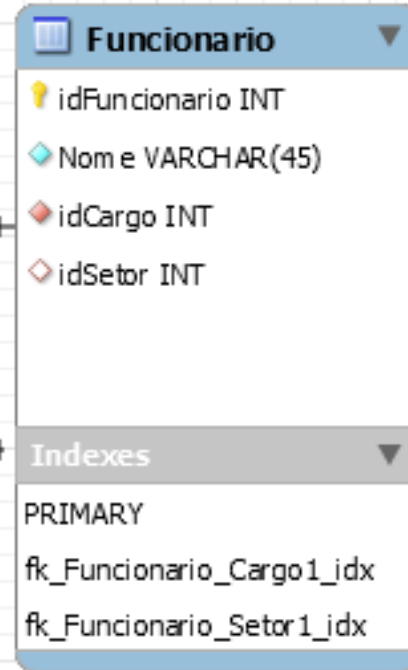
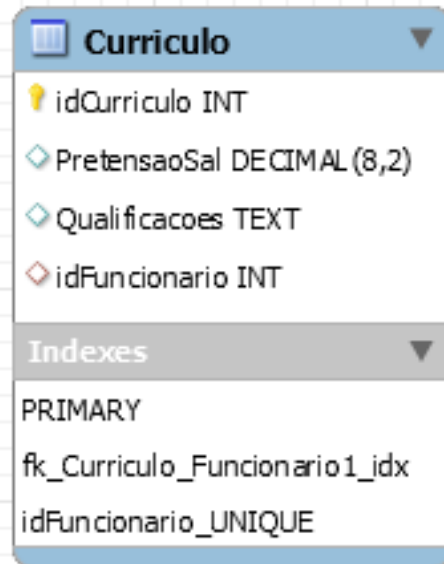
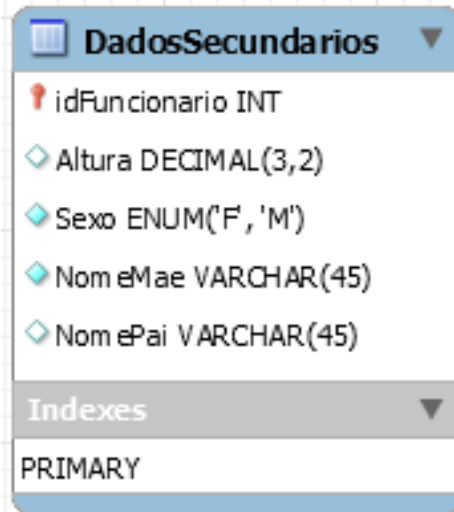
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3º





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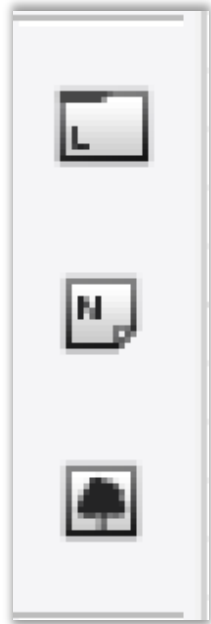
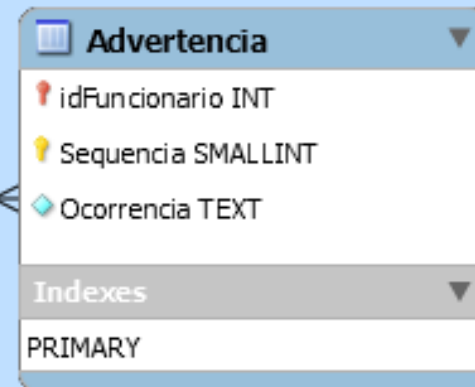
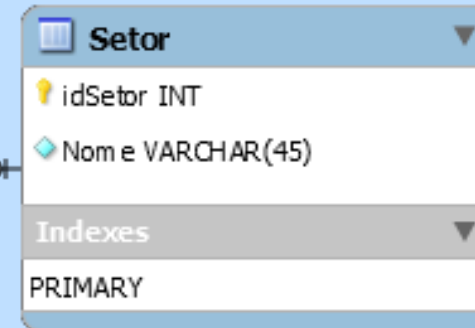
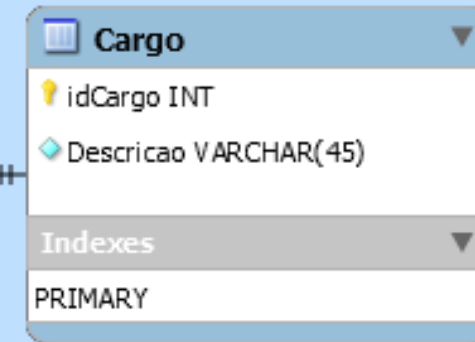
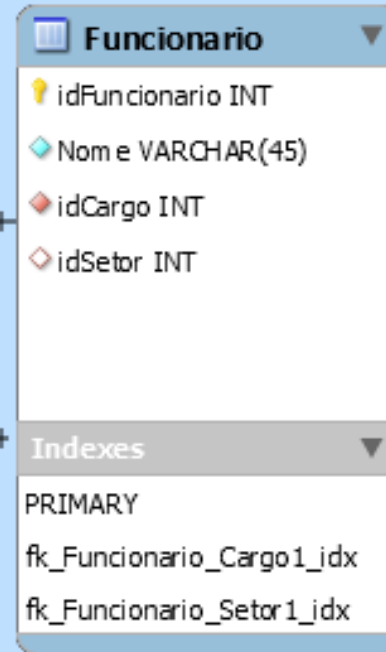
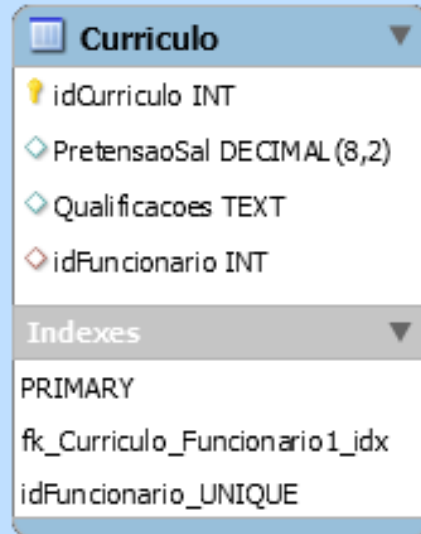
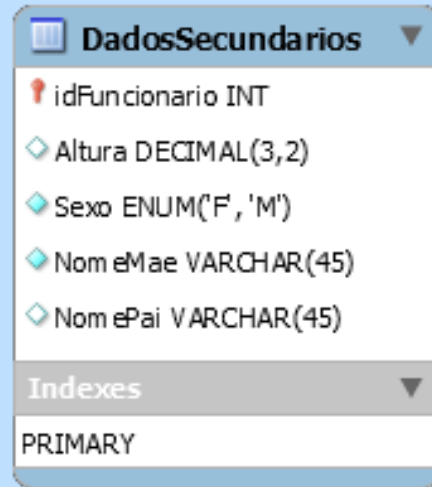




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Funcionários





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Com o sistema de funcionários implementado e funcional, a diretoria da empresa propôs a inclusão de um módulo para controle dos projetos realizados pela empresa.

A princípio um projeto deve possuir uma descrição, data de início e data de término.

Além é claro do vínculo com todos os funcionários que compõem o quadro de funcionários vinculados ao projeto.



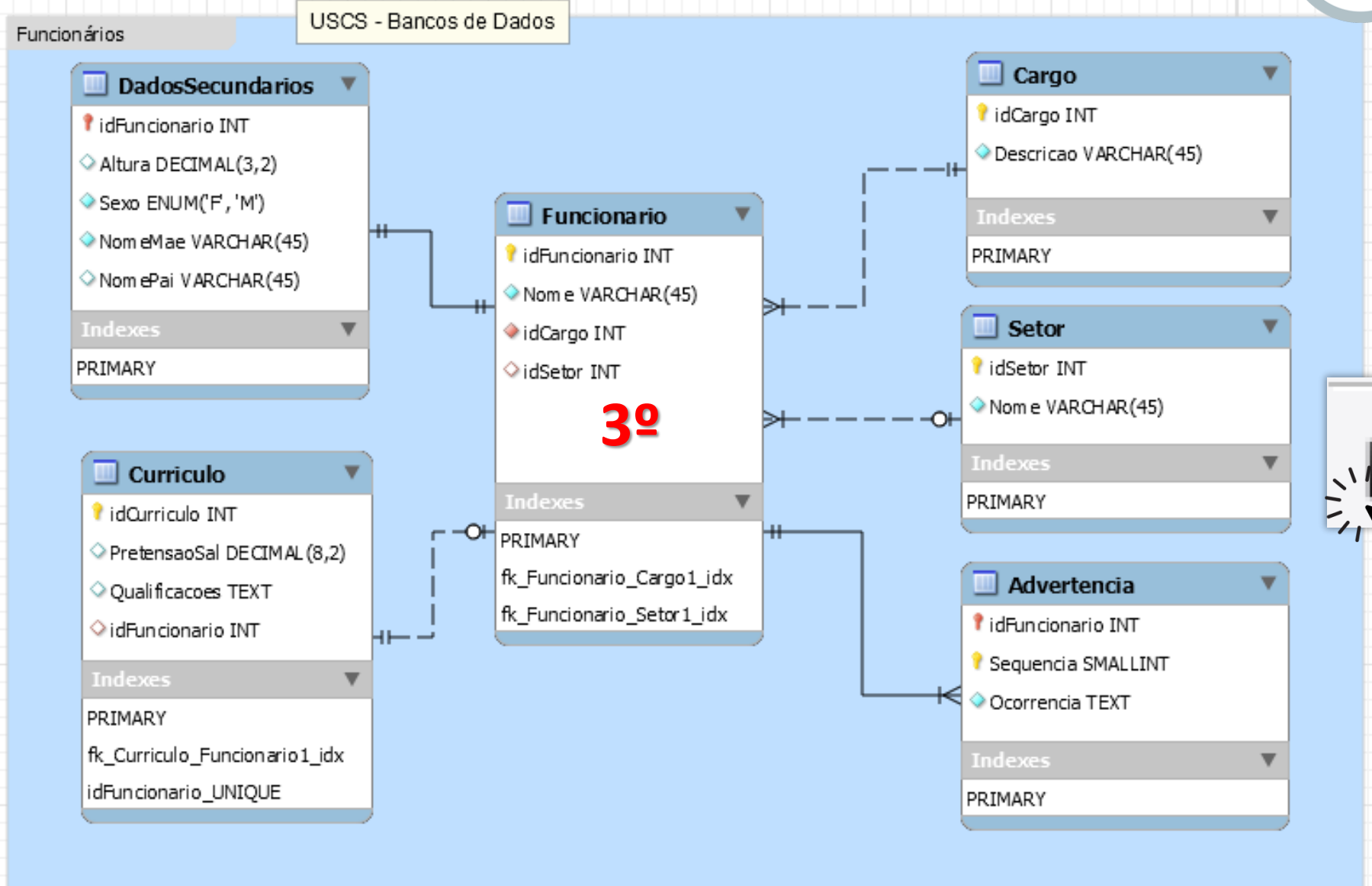
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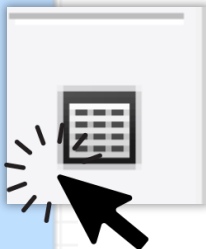
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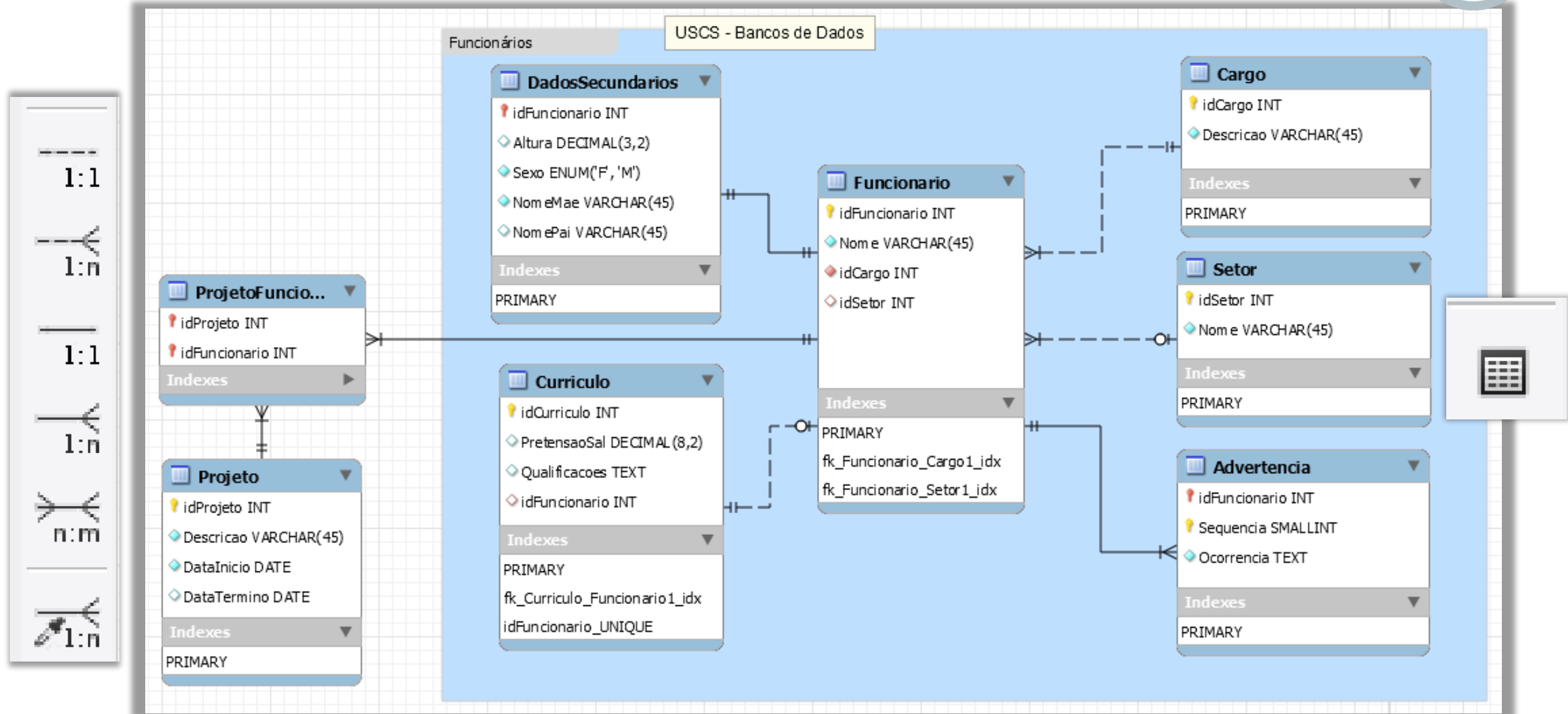


3º





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