



Atividade – Mapeamento para o Relacional

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Bloco B - sala 1B137

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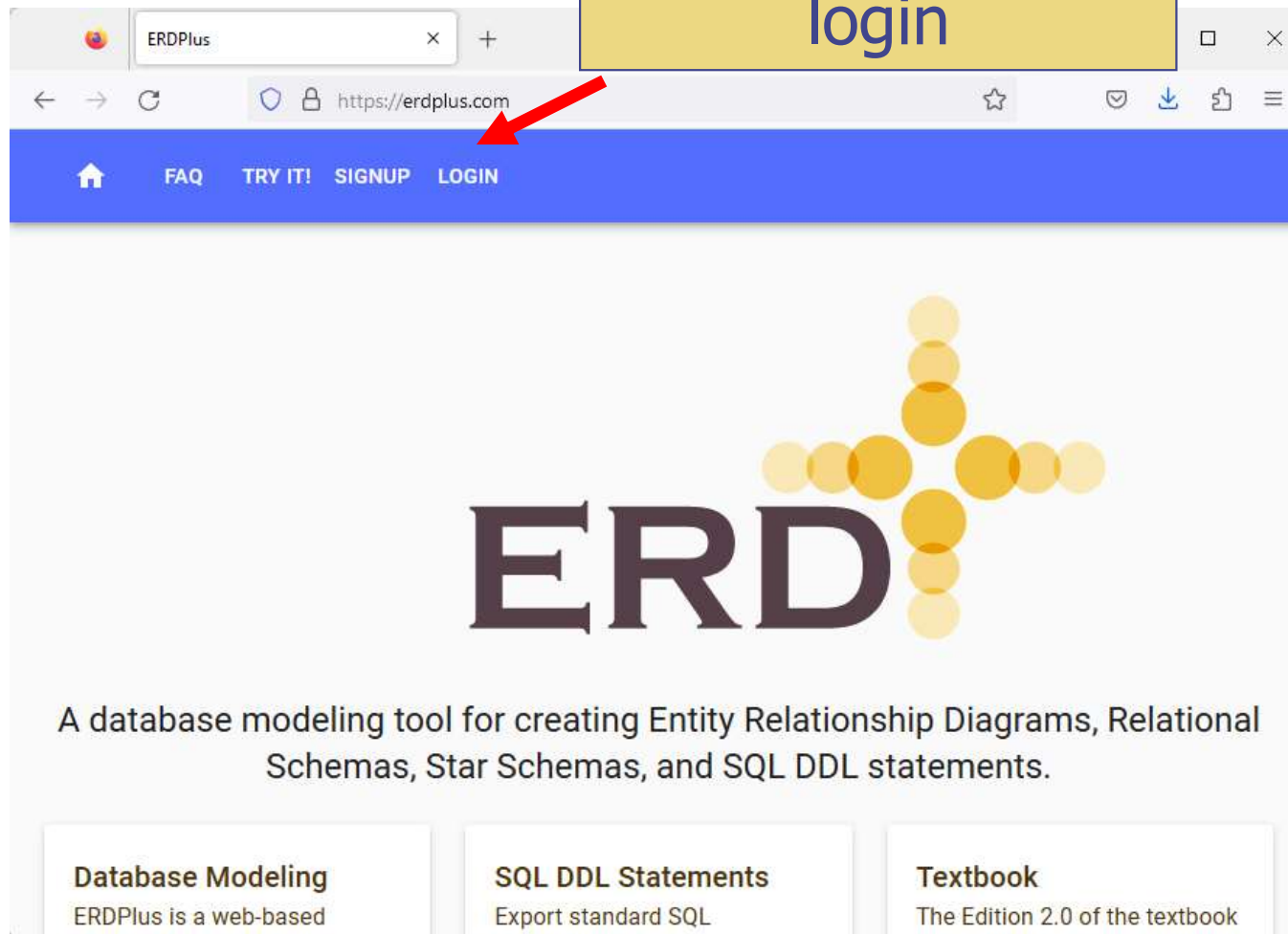
Roteiro

- ◆ Essa atividade vale 1,0 ponto
- ◆ Você deve usar a ferramenta ERD
 - Criar um novo diagrama do tipo “Relational Schema”
- ◆ Nos próximos slides será apresentado:
 - Como acessar a ferramenta
 - Descrição do exercício que deve ser resolvido e entregue até o final da aula
- ◆ Recurso adicional sobre a ferramenta
 - https://www.youtube.com/watch?v=o5L2HUb_mqQ

ERD

◆ <https://erdplus.com/>

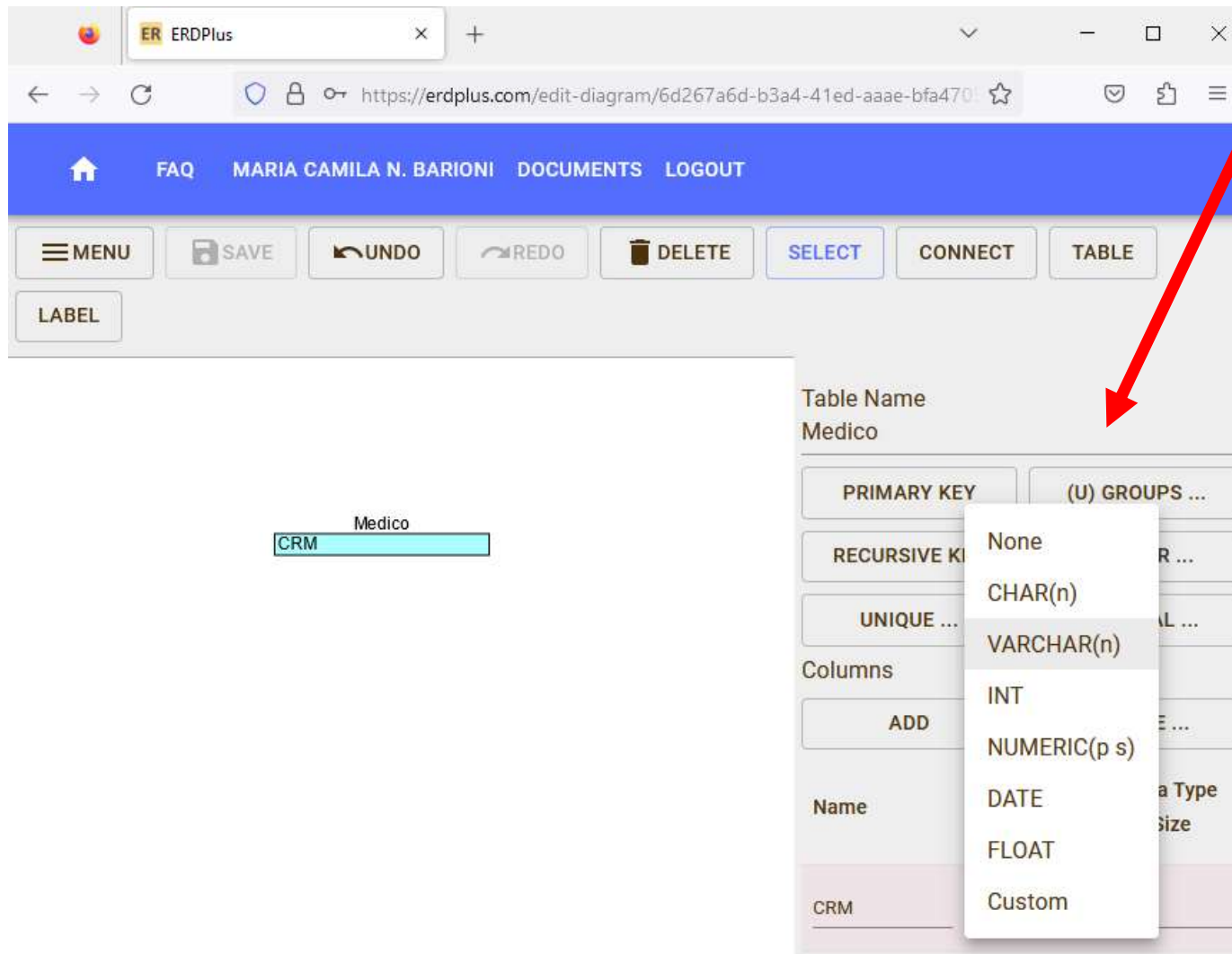
Clique para fazer login



ERD

 <https://erdplus.com/>

Propriedades das
tabelas

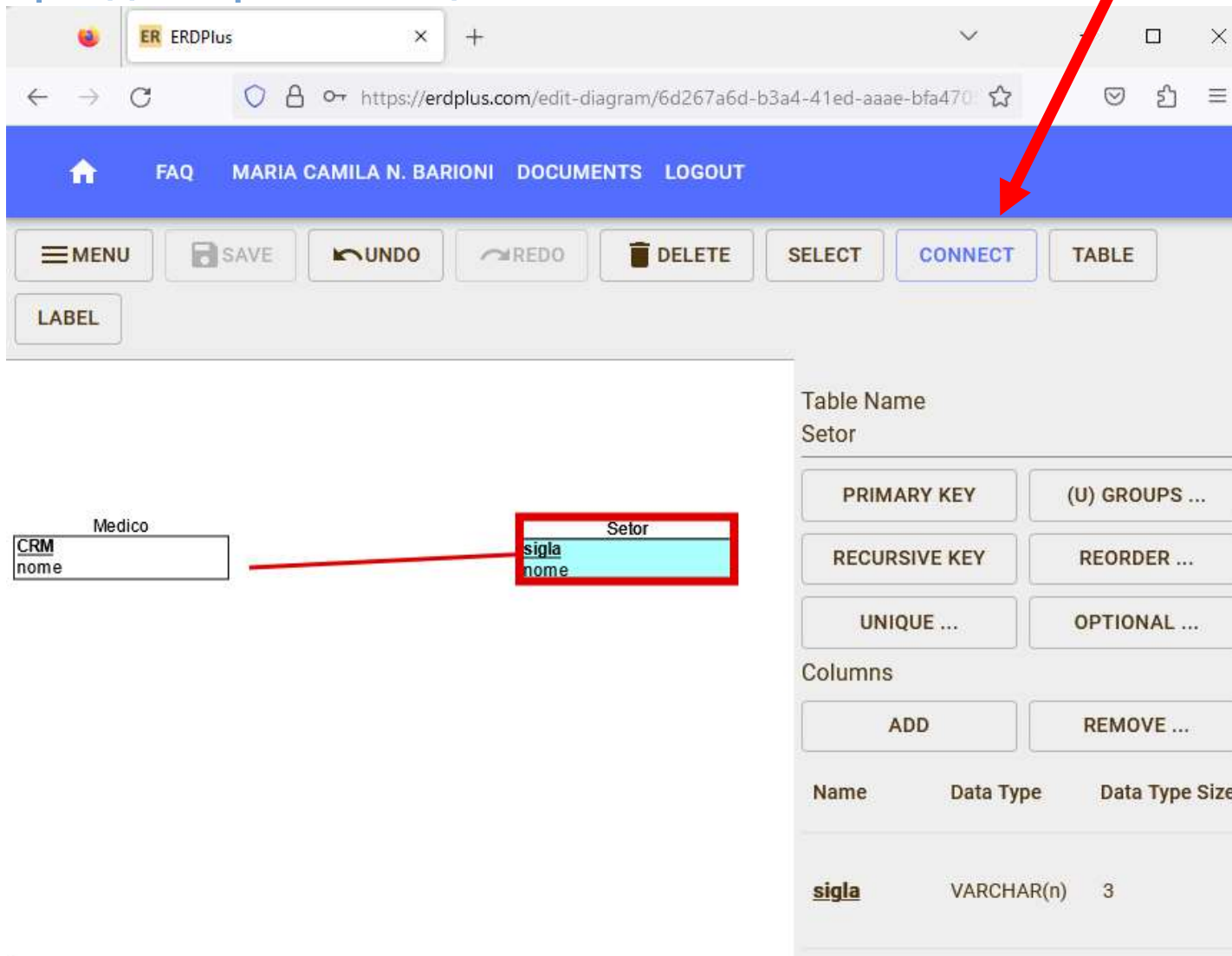


The screenshot shows the ERDPlus web application interface. At the top, there is a navigation bar with a home icon, 'FAQ', the user name 'MARIA CAMILA N. BARIONI', 'DOCUMENTS', and 'LOGOUT'. Below this is a toolbar with buttons: 'MENU', 'SAVE', 'UNDO', 'REDO', 'DELETE', 'SELECT', 'CONNECT', 'TABLE', and 'LABEL'. The 'TABLE' button is highlighted with a red arrow pointing to the 'Table Name Medico' properties panel on the right. This panel contains various configuration options for the 'Medico' table, including 'PRIMARY KEY', 'RECURSIVE KEY', 'UNIQUE ...', 'Columns', 'Name', and 'CRM'. A dropdown menu is open, showing data types: 'None', 'CHAR(n)', 'VARCHAR(n)', 'INT', 'NUMERIC(p s)', 'DATE', 'FLOAT', and 'Custom'. In the background, a diagram shows a table named 'Medico' with a primary key 'CRM'.

ERD

 <https://erdplus.com/>

Criando FKs



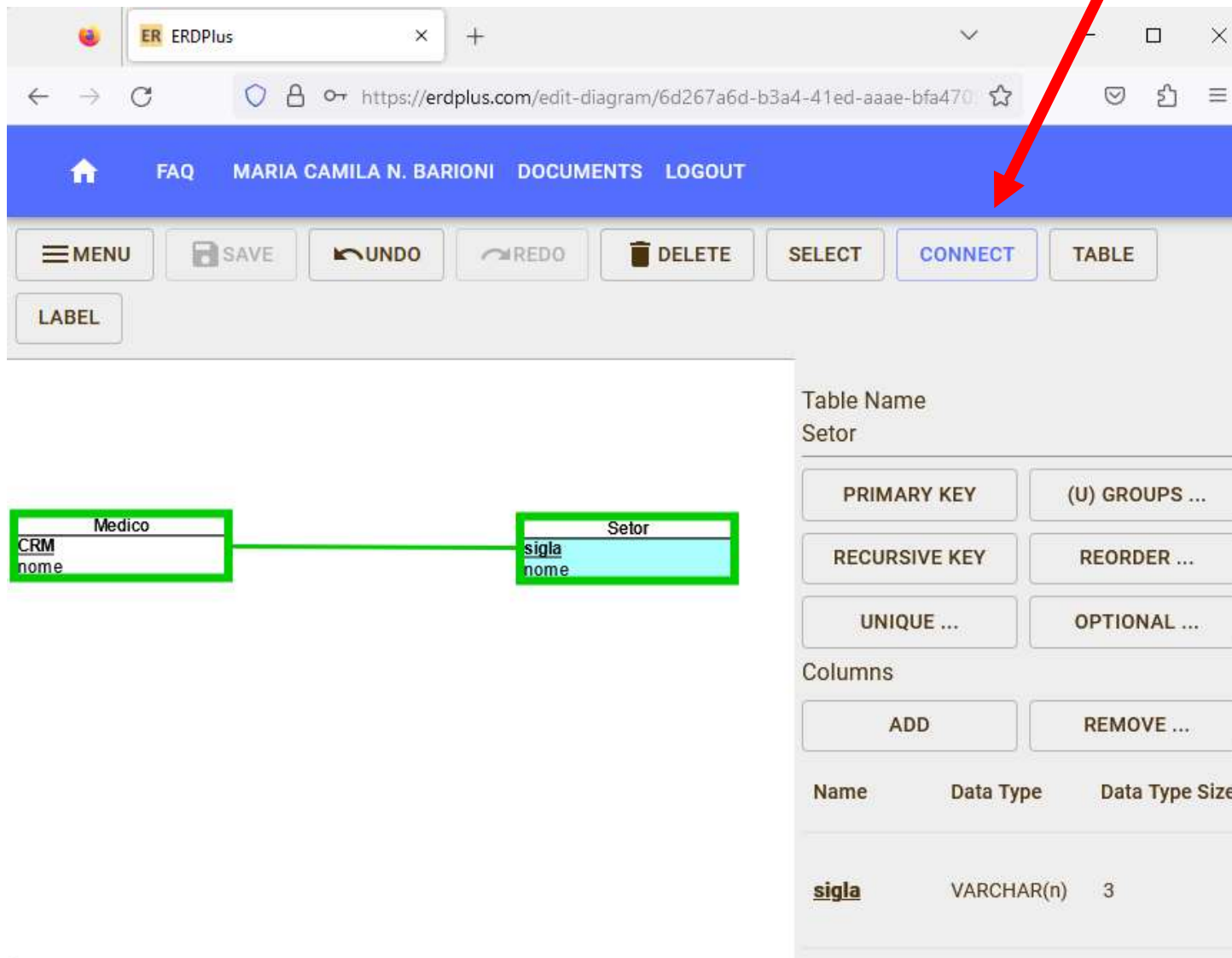
The screenshot shows the ERDPlus web application interface. The top navigation bar includes links for Home, FAQ, Maria Camila N. Barioni, Documents, and Logout. Below the navigation bar is a toolbar with buttons for Menu, Save, Undo, Redo, Delete, Select, Connect, and Table. The 'Connect' button is highlighted with a red arrow. Below the toolbar, the ER diagram is visible, showing a table named 'Medico' with columns 'CRM' and 'nome', and a table named 'Setor' with columns 'sigla' and 'nome'. A red line connects the 'sigla' column of the 'Setor' table to the 'CRM' column of the 'Medico' table. The 'Setor' table is highlighted with a red border. To the right of the diagram, a panel for configuring the 'Setor' table is visible. It includes options for Primary Key, Recursive Key, Unique, and Groups. The 'Columns' section shows the 'sigla' column with a data type of 'VARCHAR(n)' and a size of '3'.

Name	Data Type	Data Type Size
<u>sigla</u>	VARCHAR(n)	3

ERD

 <https://erdplus.com/>

Criando FKs



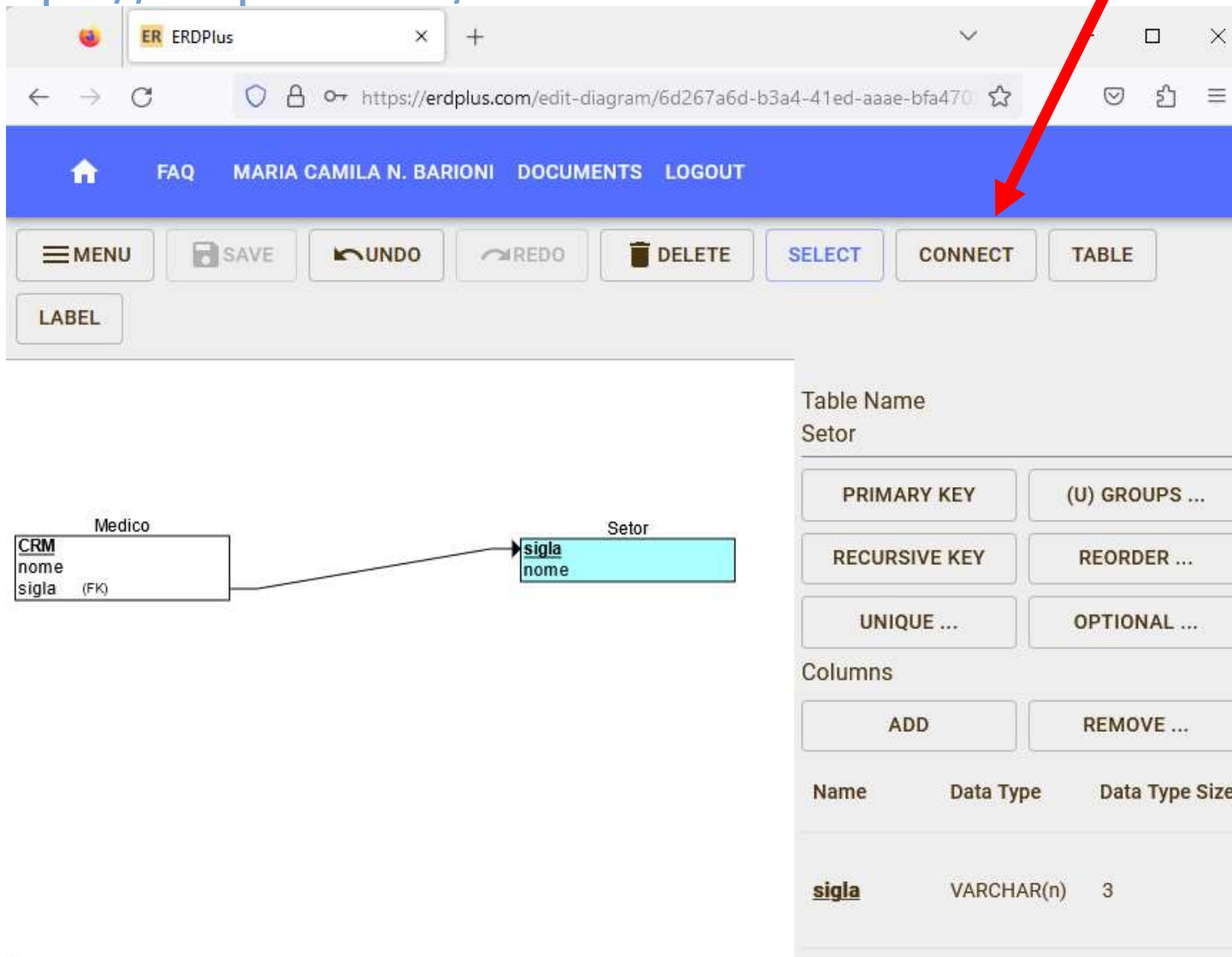
The screenshot shows the ERDPlus web application interface. At the top, there is a navigation bar with links for Home, FAQ, Maria Camila N. Barioni, Documents, and Logout. Below this is a toolbar with buttons for Menu, Save, Undo, Redo, Delete, Select, Connect, and Table. The main area displays a database diagram with two tables: 'Medico' and 'Setor'. The 'Medico' table has columns 'CRM' and 'nome'. The 'Setor' table has columns 'sigla' and 'nome'. A line connects the 'nome' column of 'Medico' to the 'nome' column of 'Setor'. On the right side, there is a configuration panel for the 'Setor' table. It includes options for Primary Key, Recursive Key, Unique, and Groups. The 'Columns' section shows the 'sigla' column with a data type of 'VARCHAR(n)' and a size of '3'.

Name	Data Type	Data Type Size
<u>sigla</u>	VARCHAR(n)	3

ERD

 <https://erdplus.com/>

Criando FKs



The screenshot displays the ERDPlus web application. The top navigation bar includes links for Home, FAQ, a user profile (MARIA CAMILA N. BARIONI), Documents, and Logout. Below this is a toolbar with buttons for Menu, Save, Undo, Redo, Delete, Select, Connect, and Table. A red arrow points from the 'Criando FKs' text to the 'CONNECT' button.

The main workspace shows an Entity-Relationship Diagram (ERD) with two entities: 'Medico' and 'Setor'. The 'Medico' entity has attributes 'CRM', 'nome', and 'sigla (FK)'. The 'Setor' entity has attributes 'sigla' and 'nome'. A line connects the 'sigla (FK)' attribute of 'Medico' to the 'sigla' attribute of 'Setor', indicating a foreign key relationship.

On the right side, there is a configuration panel for the 'Setor' table. It includes options for 'PRIMARY KEY', 'RECURSIVE KEY', 'UNIQUE ...', and '(U) GROUPS ...'. Below these are buttons for 'REORDER ...' and 'OPTIONAL ...'. The 'Columns' section shows a table with the following data:

Name	Data Type	Data Type Size
<u>sigla</u>	VARCHAR(n)	3

Atividade Proposta

1. Mapeie para o modelo relacional o modelo entidade-relacionamento do diagrama apresentado
 - Em papel, usando a notação discutida em aula. Tire uma foto para enviar essa atividade.
2. Utilize a ferramenta para construir o modelo relacional obtido em 1.

Detalhes da entrega

- Para entregar, gere um documento (.doc ou .pdf) contendo a imagem da resolução 1 e a imagem da resolução 2
- Data da entrega: 02/02 até o final da aula

