



Atividade – Mapeamento para o Relacional

Profa. Maria Camila Nardini Barioni

camila.barioni@ufu.br

Bloco B - sala 1B137

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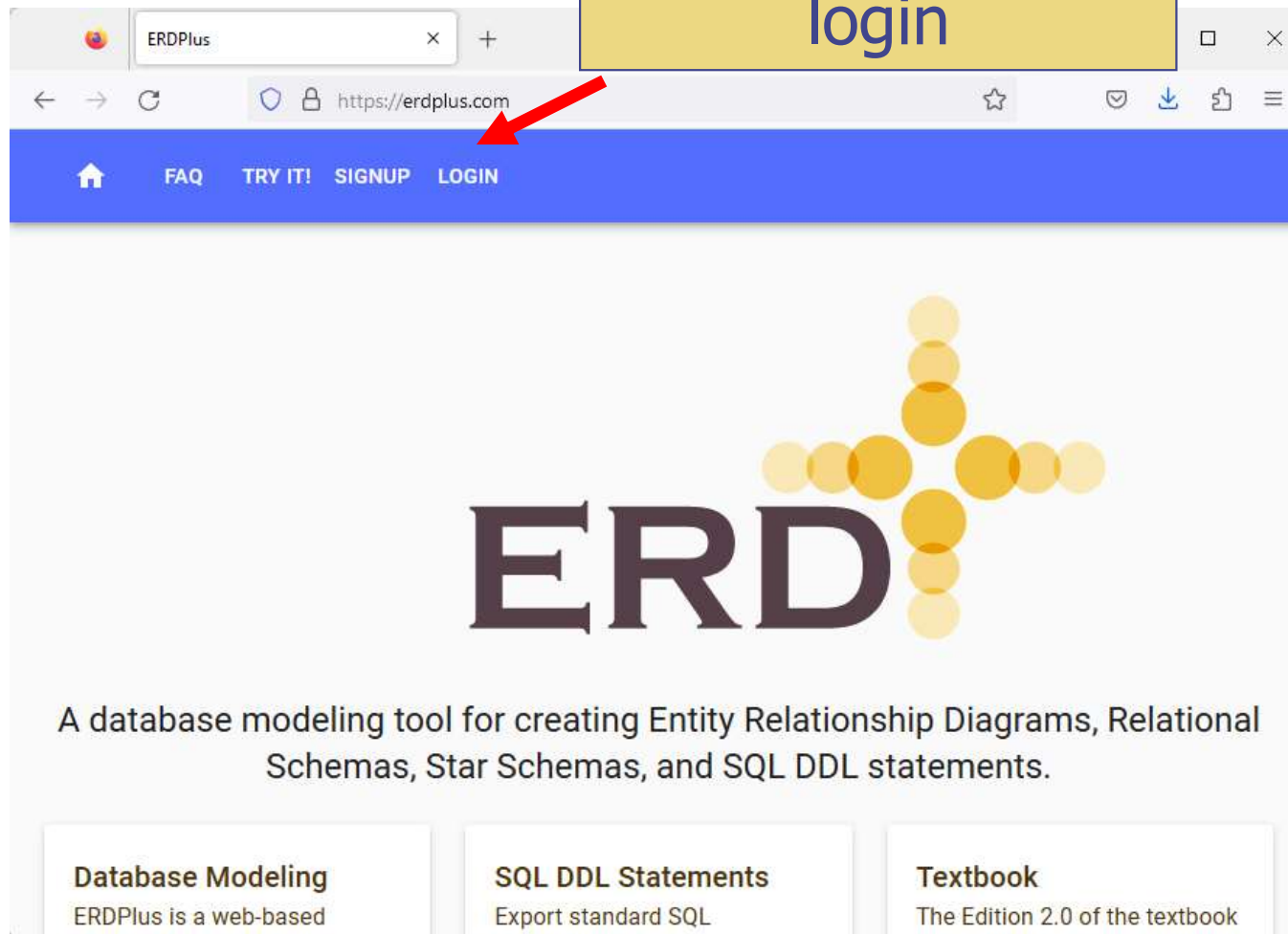
Roteiro

- ◆ Essa atividade vale 0,5 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/>

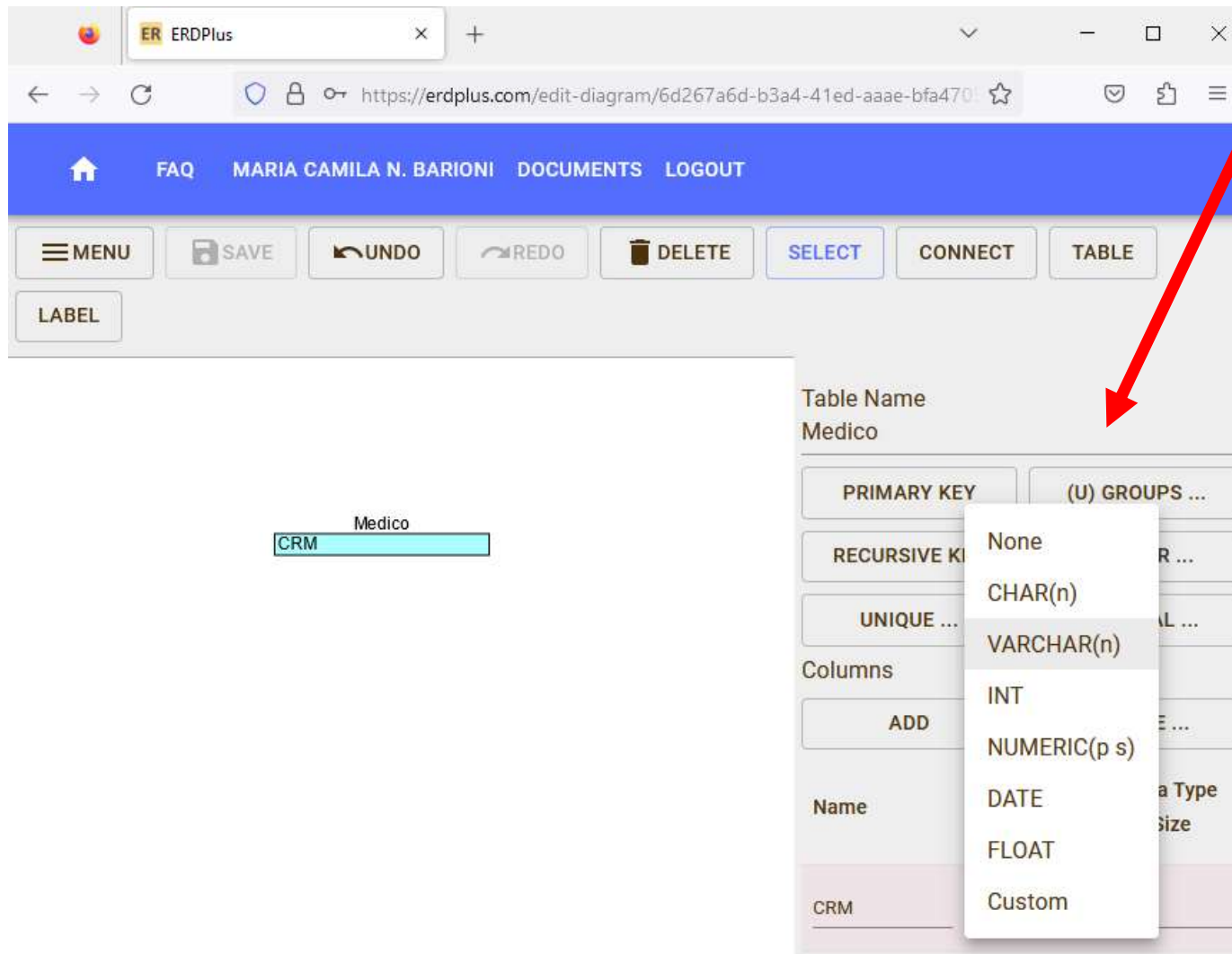
Clique para fazer login



ERD

 <https://erdplus.com/>

Propriedades das
tabelas



The screenshot displays the ERDPlus web application interface. At the top, a blue navigation bar contains a home icon, 'FAQ', the user name 'MARIA CAMILA N. BARIONI', and links for 'DOCUMENTS' and 'LOGOUT'. Below this is a toolbar with buttons for 'MENU', 'SAVE', 'UNDO', 'REDO', 'DELETE', 'SELECT', 'CONNECT', 'TABLE', and 'LABEL'. The main workspace shows a diagram with a table named 'Medico' containing a column 'CRM'. A red arrow points from the 'TABLE' button in the toolbar to the 'Table Name Medico' section of the properties panel on the right. This panel includes tabs for 'PRIMARY KEY' and '(U) GROUPS ...', a 'RECURSIVE KEY' section, and a 'UNIQUE ...' section. The 'Columns' section is active, showing a table with columns 'Name' and 'CRM'. A dropdown menu is open over the 'CRM' column, listing data types: 'None', 'CHAR(n)', 'VARCHAR(n)', 'INT', 'NUMERIC(p s)', 'DATE', 'FLOAT', and 'Custom'.

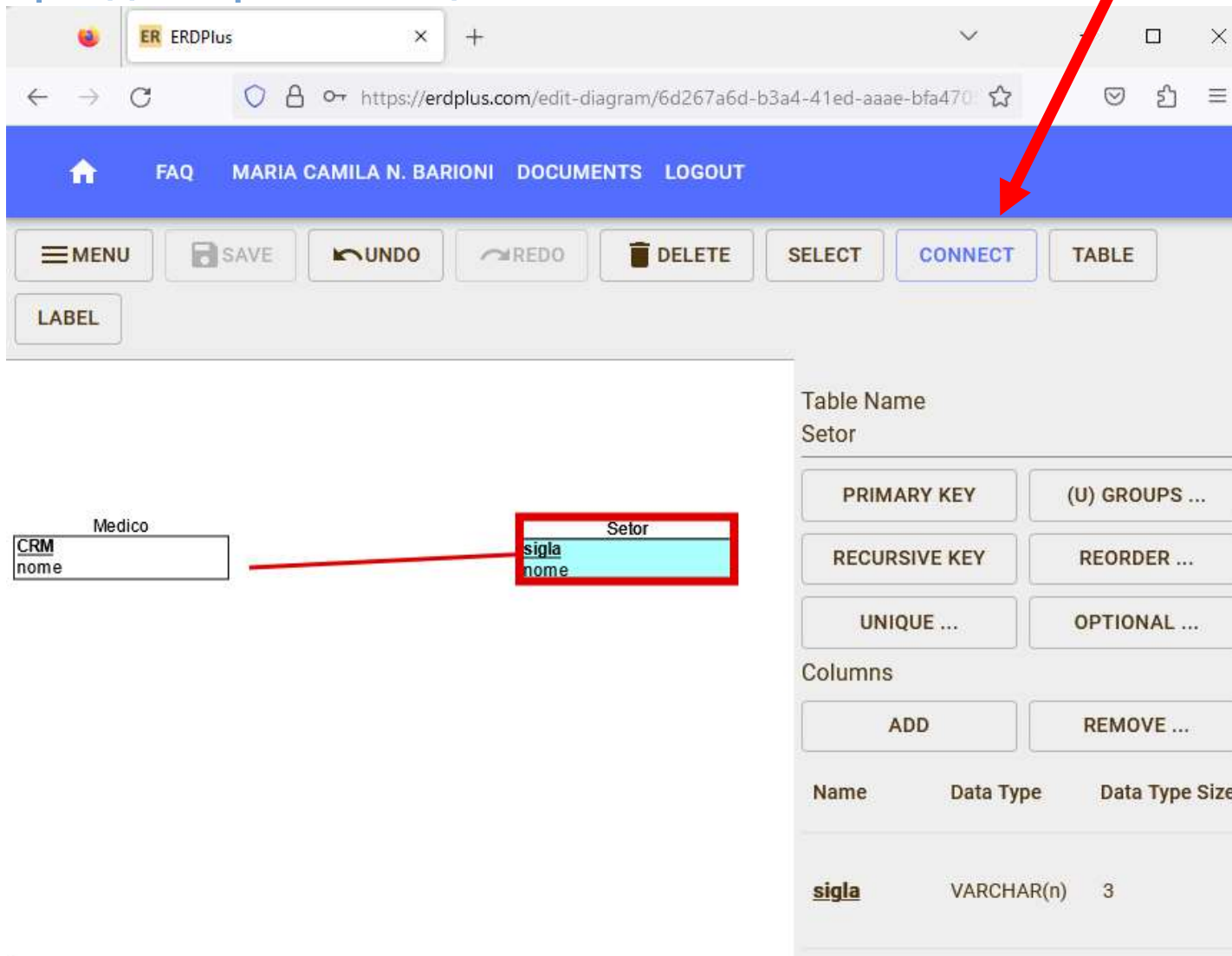
Table Name	Medico
CRM	

Columns	
ADD	
Name	
CRM	

ERD

 <https://erdplus.com/>

Criando FKs



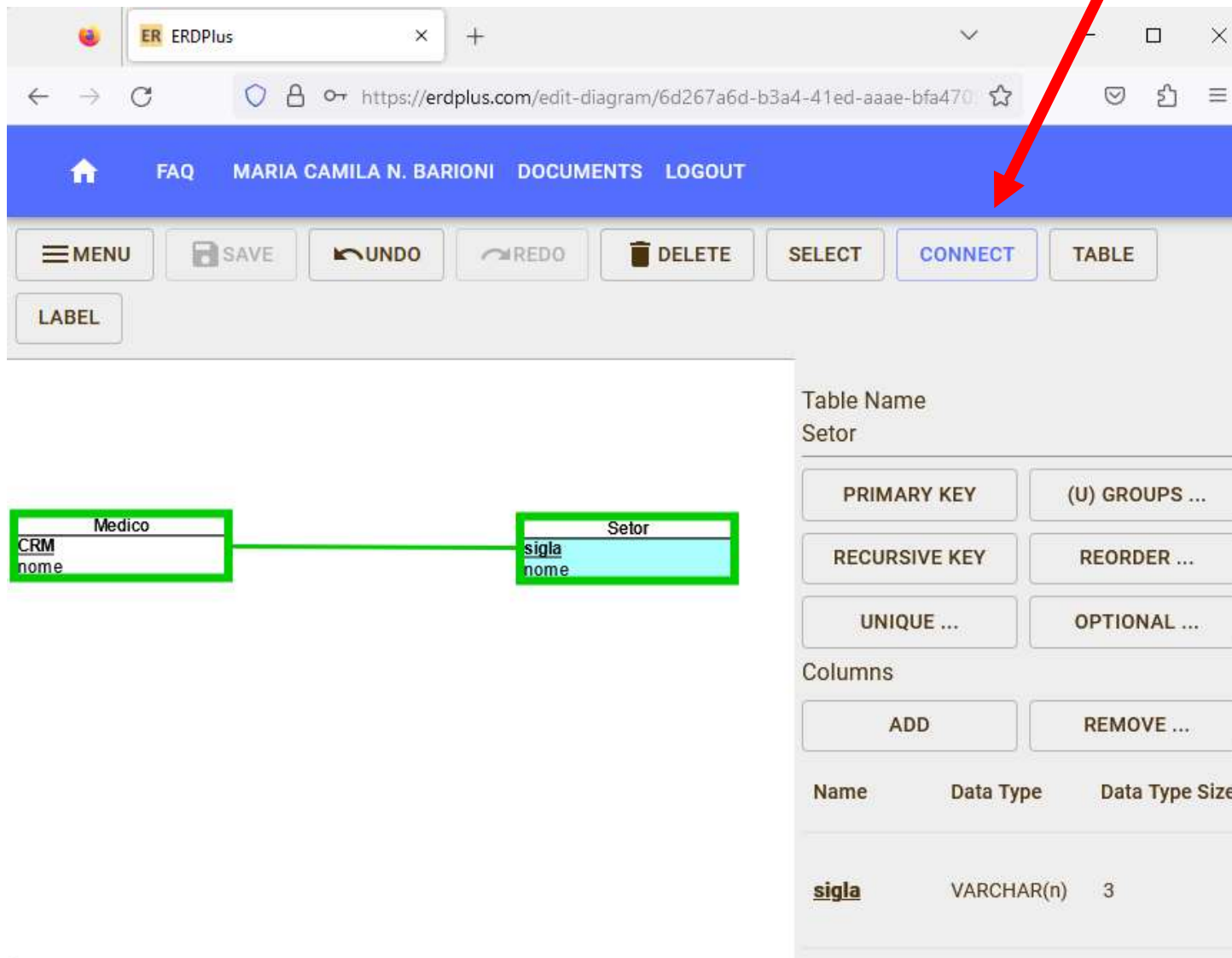
The screenshot shows the ERDPlus web application interface. The top navigation bar includes links for Home, FAQ, Maria Camila N. Barioni, Documents, and Logout. Below the navigation bar is a toolbar with buttons for Menu, Save, Undo, Redo, Delete, Select, Connect, and Table. The 'Connect' button is highlighted with a red arrow. Below the toolbar, the ER diagram is visible, showing two tables: 'Medico' and 'Setor'. A red line connects the 'nome' attribute of 'Medico' to the 'sigla' attribute of 'Setor'. The 'Setor' table is highlighted with a red box. To the right of the diagram, a configuration panel for the 'Setor' table is open, showing options for Primary Key, Recursive Key, Unique, and Optional. The 'Columns' section shows a table with the following data:

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

ERD

 <https://erdplus.com/>

Criando FKs



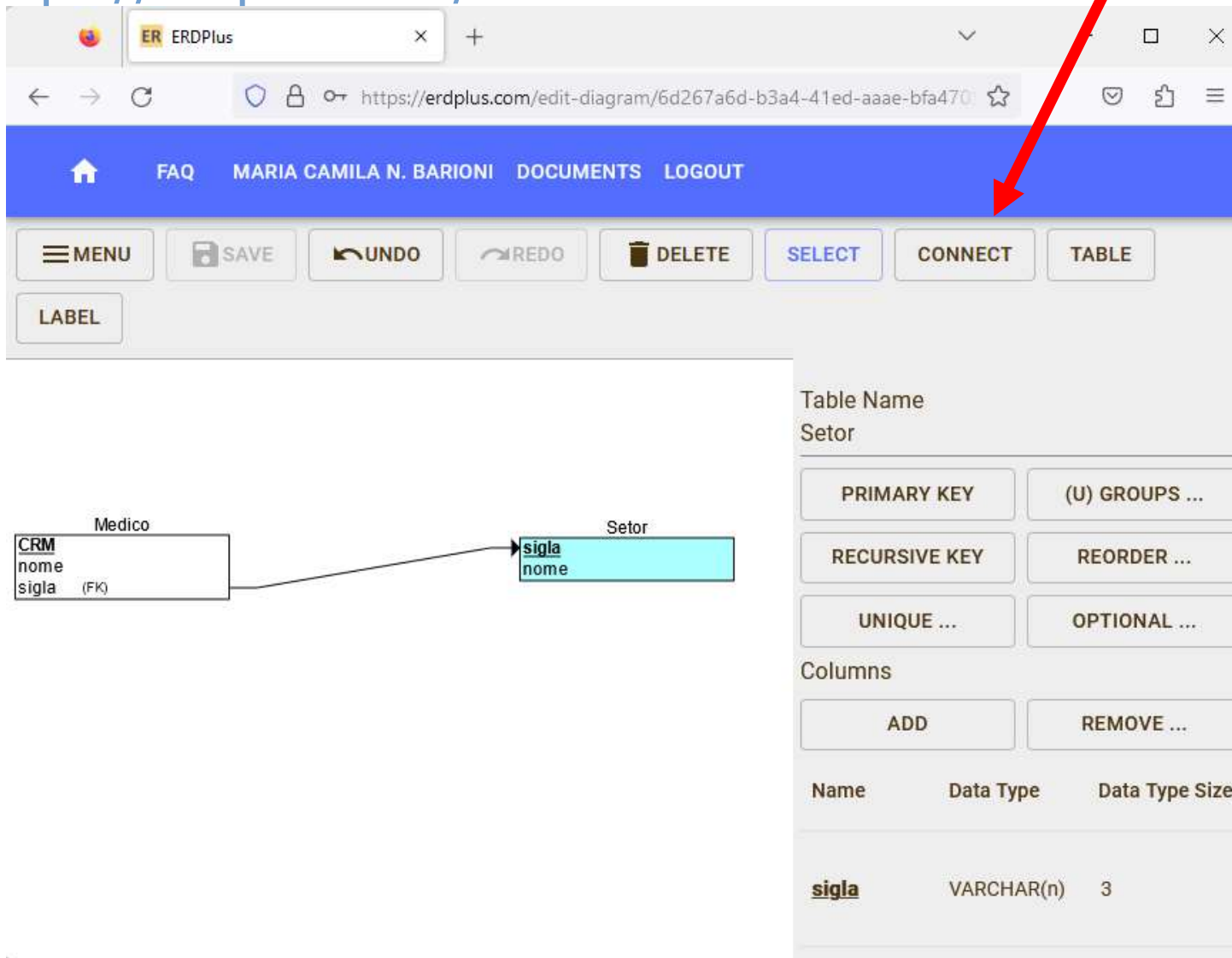
The screenshot shows the ERDPlus web application interface. At the top, there is a navigation bar with links for Home, FAQ, Maria Camila N. Barioni, Documents, and Logout. Below this is a toolbar with buttons for Menu, Save, Undo, Redo, Delete, Select, Connect, and Table. The main area displays a database 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

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Criando FKs



The screenshot shows the ERDPlus web application interface. At the top, there is a navigation bar with 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 area displays an ER diagram with two tables: 'Medico' and 'Setor'. The 'Medico' table has attributes 'CRM', 'nome', and 'sigla (FK)'. The 'Setor' table has attributes 'sigla' and 'nome'. A line connects the 'sigla (FK)' attribute of the 'Medico' table to the 'sigla' attribute of the 'Setor' table, indicating a foreign key relationship.

On the right side, there is a configuration panel for the 'Setor' table. It includes options for PRIMARY KEY, (U) GROUPS ..., RECURSIVE KEY, REORDER ..., UNIQUE ..., and OPTIONAL Below these are buttons for ADD and REMOVE At the bottom, there is a table showing the column configuration:

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 exercício “Cadeia de farmácias a)”
 - 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: 26/01 até o final da aula

a)

