**Assignment 02**  
**Group Members: Ibrahim, Mahmoud - Orozco Morales, Rodrigo - Yusuf, Sharmarke**   
 **Usage**

**For our client request we made some procedures and triggers that are installed inside our database, please read the following:**

**Rules and Features:**

We implemented several rules for data entry, supported by **procedures** and **triggers** to enforce them:

1. **Family-Friendly Movies Rule:**  
   To ensure the platform is family-friendly, we prohibit adding any movie certifications that include adult content. Words like "sex," "+18," or "adult" are not allowed in the CERTIFICATES table.

A screenshot of a computer

AI-generated content may be incorrect.

1. **Restriction on Russian Movies in Canada:**  
   Due to conflicts between the Canadian and Russian governments, broadcasting Russian movies in Canada is banned. A trigger prevents adding "Russia" as a country in the COUNTRIES table.

A screenshot of a computer

AI-generated content may be incorrect.

**3- D.B Views AND Instead Triggers.**

We created a view, join multiple tables together to give the user good perspective to the data, and we made an instead trigger to allow the user to update the view and the tables together, and the changes will automatically update the related main tables (MOVIES, etc.).   
This makes it easier for the admin to manage movie details without directly interacting with multiple tables.  
to ensure that the instead view works, we also made a report based on the movie table, so you can update the view from the form, and review the report to make sure that the table also updated.