Pokemon Trading App

Base de Dados 23/24

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About our application

It's an easy to use application that provides some features for people that are interested in pokemons itself. In our app the user can collect and trade pokemon cards.

Technologies Used

Programming Language

C#

Database

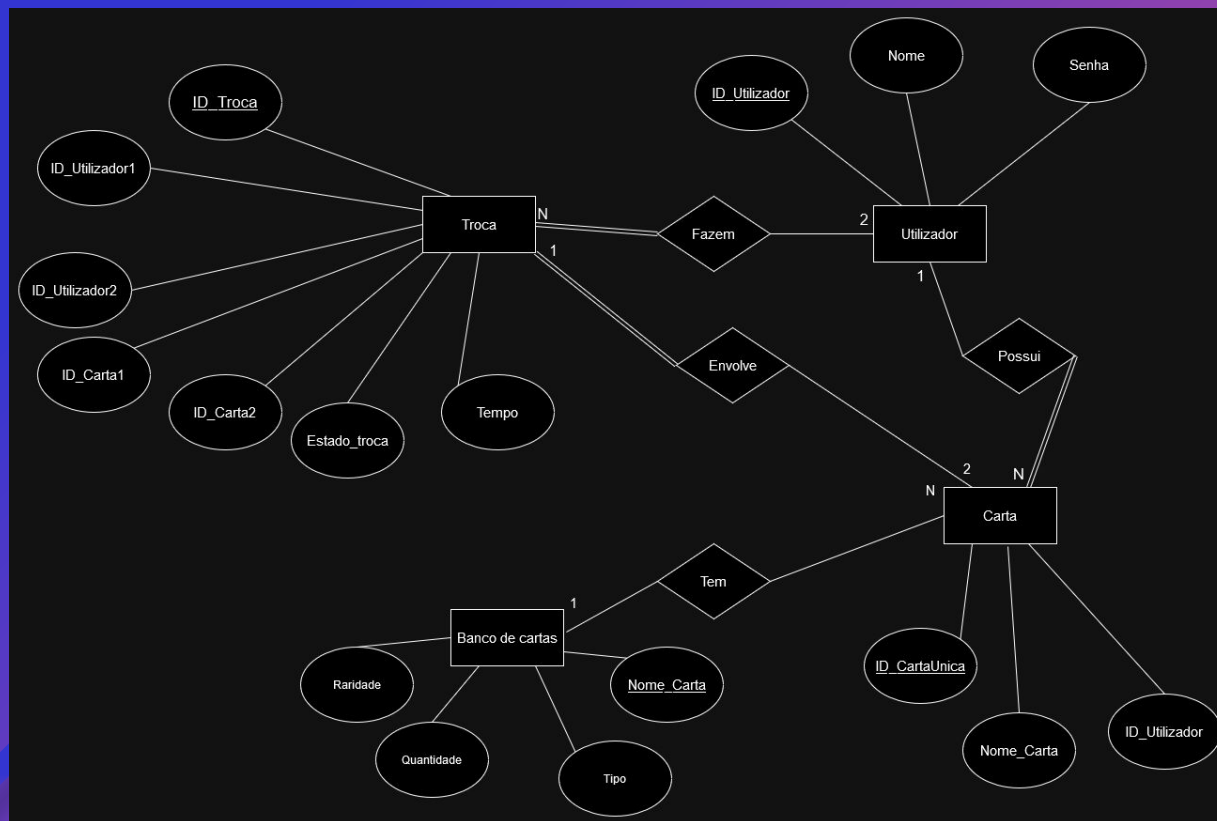SQL Server

Frontend

Windows Forms

Requirements

Functionals

- User authentication
- Open packs
- Collection
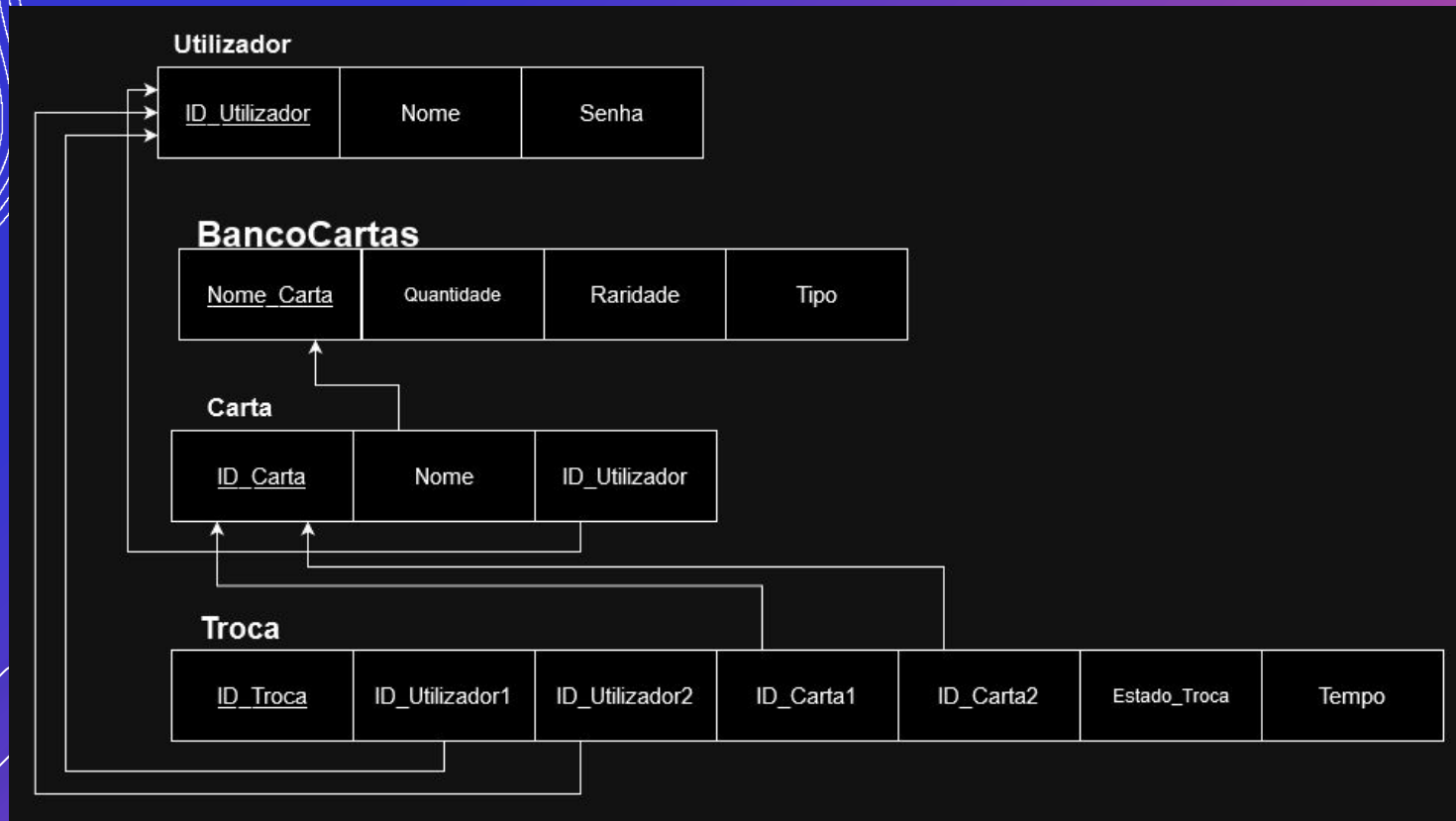- Trading System
- Account Details

Non-Functionals

- Responsive
- Scalable
- Security

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Utilizador

ID_Utilizador	Nome	Senha

BancoCartas

Nome_Carta	Quantidade	Raridade	Tipo

Carta

ID_Carta	Nome	ID_Utilizador

Troca

ID_Troca	ID_Utilizador1	ID_Utilizador2	ID_Carta1	ID_Carta2	Estado_Troca	Tempo

SQL

UDF's

Custom functions for reusable queries, returning single values or tables.

SP and function files

Files containing SQL code for managing and reusing Stored Procedures and Functions.

Triggers

Automatic procedures that execute in response to specific database events.

Indexes

Database structures that enhance data retrieval speed.

Summary of SQL

- 2 UDF's
- 13 Stored Procedures
- 2 Triggers
- 4 Indexes