Projeto Sistema Financeiro

Resumo: Projeto destinado ao controle das despesas pessoais.  
  
Tabelas do projeto.

* Usuário
* Tipo (Receita/Despesa)
* Categoria
* Bancos
* TipoAgente (Caixa / C. Corrente / C. Poupança / C. Investimento)
* Agente (Caixas / Contas Bancárias)
* Documento (Documento a pagar ou a receber)
* Parcela (Parcelas do documento)
* MovimentoFinanceiro (Movimentos realizados nos agentes)
* ParcelaMovimentoFinanceiro (Vínculo entre um movimento financeiro e uma parcela)

Tabela Usuário

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Nome | Varchar | 100 | No |  |
|  | Email | Varchar | 200 | No |  |
|  | Senha | Varchar | Max | No |  |

Tabela Tipo

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Descricao | Varchar | 100 | No |  |

Tabela Categoria

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Descricao | Varchar | 100 | No |  |
| FK | IdTipo | Int |  | No |  |

Tabela TipoAgente

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Descricao | Varchar | 100 | No |  |
|  | EhBanco | Int | 1 | Yes |  |

Tabela Banco

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Codigo | Varchar | 10 | No |  |
|  | Descricao | Varchar | 100 | No |  |

Tabela Agente

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Descricao | Varchar | 100 | No |  |
| FK | IdTipoAgente | Int |  | No |  |
| FK | IdBanco | Int |  | Yes |  |
|  | Agencia | Int | 50 | Yes |  |
|  | Conta | Int | 50 | Yes |  |
|  | Digito | Int | 50 | Yes |  |

Tabela Documento

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Descricao | Varchar | 200 | No |  |
|  | DataCadastro | Datatime |  | No |  |
| FK | IdCategoria | Int |  | No |  |

Tabela Parcela

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
| FK | IdDocumento | Int |  | No |  |
|  | Vencimento | Datetime |  | No |  |
|  | Valor | Decimal | 14,2 | No |  |
|  | DataPagamento | Datetime |  | Yes |  |
|  | Acrescimo | Decimal | 14,2 | Yes |  |
|  | Desconto | Decimal | 14,2 | Yes |  |

Tabela MovimentoFinanceiro

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
|  | Credito | Decimal | 14,2 | No |  |
|  | Debito | Decimal | 14,2 | No |  |
|  | DataMovimento | DateTime |  | No |  |
|  | Observacao | Varchar | Max | No |  |

Tabela ParcelaMovimentoFinanceiro

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| PK/FK | Column\_Name | Type | Lengh | Nullable | Others |
| PK | Id | Int | Identity | No |  |
| FK | IdParcela | Int |  | No |  |
| FK | IdMovimentoFinanceiro | Int |  | No |  |

Diagrama de Uso

