

DDL

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CREATE TABLE [dbo].[Clients] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [Address] NVARCHAR (MAX) NULL,  
    [TelephoneNumber] NVARCHAR (MAX) NULL,  
    [PassportNumber] NVARCHAR (MAX) NULL,  
    [PassportId] NVARCHAR (MAX) NULL,  
    [Authority] NVARCHAR (MAX) NULL,  
    [IssueDate] DATETIME NOT NULL,  
    [ExpirationDate] DATETIME NOT NULL,  
    [BirthDay] DATETIME NOT NULL,  
    [Sex] INT NOT NULL,  
    [User_Id] INT NOT NULL,  
    CONSTRAINT [PK_dbo.Clients] PRIMARY KEY CLUSTERED ([Id] ASC),  
    CONSTRAINT [FK_dbo.Clients_dbo.Users_User_Id] FOREIGN KEY ([User_Id]) REFERENCES  
[dbo].[Users] ([Id])  
);
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CREATE TABLE [dbo].[CreditRequests] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,  
    [IsOperatorApproved] BIT NULL,  
    [IsSecurityApproved] BIT NULL,  
    [IsCreditCommitteeApproved] BIT NULL,  
    [IsCreditDepartmentApproved] BIT NULL,  
    [OperatorComments] NVARCHAR (MAX) NULL,  
    [SecurityComments] NVARCHAR (MAX) NULL,  
    [CreditCommitteeComments] NVARCHAR (MAX) NULL,  
    [CreditDepartmentComments] NVARCHAR (MAX) NULL,  
    [MonthDuration] INT NOT NULL,  
    [CreditPurpose] NVARCHAR (MAX) NULL,  
    [IsOpen] BIT NULL,  
    [Client_Id] INT NOT NULL,  
    [CreditCommitteeApproved_Id] INT NULL,  
    [CreditDepartmentApproved_Id] INT NULL,  
    [CreditSum_Id] INT NOT NULL,  
    [CreditType_Id] INT NOT NULL,  
    [LatestEmployeeHandledBy_Id] INT NULL,  
    [OperatorApproved_Id] INT NULL,  
    [RequestOpener_Id] INT NULL,  
    [SecurityApproved_Id] INT NULL,  
    CONSTRAINT [PK_dbo.CreditRequests] PRIMARY KEY CLUSTERED ([Id] ASC),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Clients_Client_Id] FOREIGN KEY ([Client_Id])  
REFERENCES [dbo].[Clients] ([Id]) ON DELETE CASCADE,  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_CreditCommitteeApproved_Id] FOREIGN  
KEY ([CreditCommitteeApproved_Id]) REFERENCES [dbo].[Employees] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_CreditDepartmentApproved_Id] FOREIGN  
KEY ([CreditDepartmentApproved_Id]) REFERENCES [dbo].[Employees] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.PriceModels_CreditSum_Id] FOREIGN KEY  
([CreditSum_Id]) REFERENCES [dbo].[PriceModels] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.CreditTypes_CreditType_Id] FOREIGN KEY  
([CreditType_Id]) REFERENCES [dbo].[CreditTypes] ([Id]) ON DELETE CASCADE,  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_LatestEmployeeHandledBy_Id] FOREIGN  
KEY ([LatestEmployeeHandledBy_Id]) REFERENCES [dbo].[Employees] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_OperatorApproved_Id] FOREIGN KEY  
([OperatorApproved_Id]) REFERENCES [dbo].[Employees] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_RequestOpener_Id] FOREIGN KEY  
([RequestOpener_Id]) REFERENCES [dbo].[Employees] ([Id]),  
    CONSTRAINT [FK_dbo.CreditRequests_dbo.Employees_SecurityApproved_Id] FOREIGN KEY  
([SecurityApproved_Id]) REFERENCES [dbo].[Employees] ([Id])  
);
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CREATE TABLE [dbo].[Employees] (  
    [Id] INT IDENTITY (1, 1) NOT NULL,
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[Rights] INT NOT NULL,
[User_Id] INT NOT NULL,
CONSTRAINT [PK_dbo.Employees] PRIMARY KEY CLUSTERED ([Id] ASC),
CONSTRAINT [FK_dbo.Employees_dbo.Users_User_Id] FOREIGN KEY ([User_Id]) REFERENCES
[dbo].[Users] ([Id])
);

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CREATE TABLE [dbo].[CreditPayments] (
[Id] INT IDENTITY (1, 1) NOT NULL,
[Timestamp] DATETIME NOT NULL,
[PaymentSum_Id] INT NOT NULL,
[Employee_Id] INT NOT NULL,
[CreditAccount_Id] INT NOT NULL,
CONSTRAINT [PK_dbo.CreditPayments] PRIMARY KEY CLUSTERED ([Id] ASC),
CONSTRAINT [FK_dbo.CreditPayments_dbo.PriceModels_PaymentSum_Id] FOREIGN KEY
([PaymentSum_Id]) REFERENCES [dbo].[PriceModels] ([Id]),
CONSTRAINT [FK_dbo.CreditPayments_dbo.Employees_Employee_Id] FOREIGN KEY
([Employee_Id]) REFERENCES [dbo].[Employees] ([Id]) ON DELETE CASCADE,
CONSTRAINT [FK_dbo.CreditPayments_dbo.CreditAccounts_CreditAccount_Id] FOREIGN KEY
([CreditAccount_Id]) REFERENCES [dbo].[CreditAccounts] ([Id]) ON DELETE CASCADE
);

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CREATE TABLE [dbo].[PriceModels] (
[Id] INT IDENTITY (1, 1) NOT NULL,
[Value] DECIMAL (18, 2) NOT NULL,
[Currency_Id] INT NOT NULL,
CONSTRAINT [PK_dbo.PriceModels] PRIMARY KEY CLUSTERED ([Id] ASC),
CONSTRAINT [FK_dbo.PriceModels_dbo.CurrencyModels_Currency_Id] FOREIGN KEY
([Currency_Id]) REFERENCES [dbo].[CurrencyModels] ([Id]) ON DELETE CASCADE
);

```