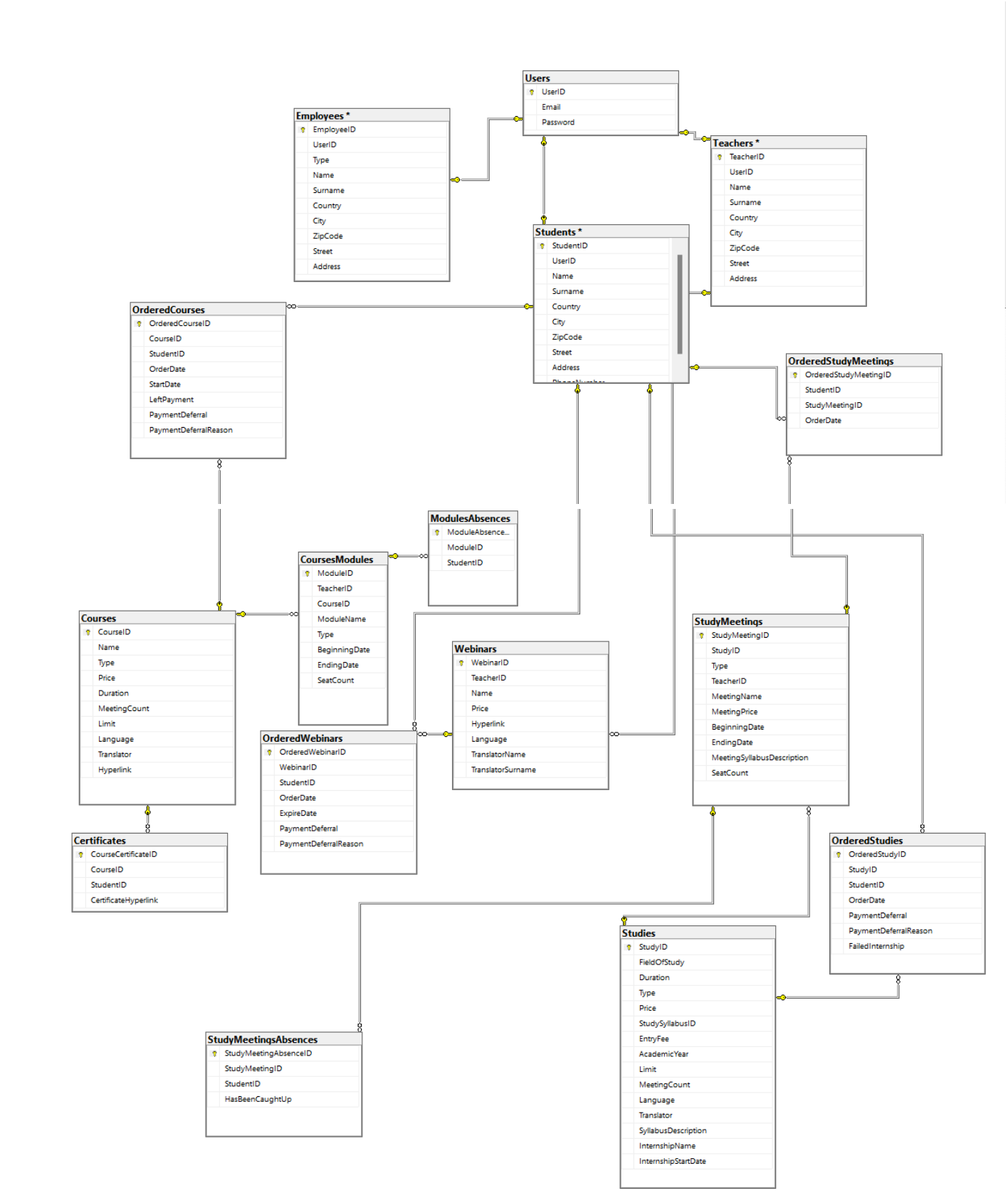
pbd_<14>_raport2 | Piotr Albiński, Adam Konior, Mateusz Maciaszczyk

Identyfikacja użytkowników:

- pracownik biura obsługi dydaktyki:
  - wprowadzenie informacji o użytkownikach, pracownikach dodawanie i usuwanie użytkowników z systemu,
  - zarządzanie danymi np. usuwanie dostępu do webinarów, ustalenia cen produktów,
  - wprowadzanie harmonogramów (również ich zmiana),
  - przypisywanie kursom/webinarium/studium wykładowców/nauczycieli,
  - odroczenie płatności (decyzją Dyrektora Szkoły),
  - generowanie raportów:
    - finansowych - zestawienie przychodów z różnych form nauczania,
    - listy dłużników,
    - ogólny raport dotyczący liczby zapisanych osób na przyszłe wydarzenia,
    - lista obecności,
    - lista osób z kolizjami w terminach zajęć,
    - bilokacji wszystkich nauczycieli, uczniów
  - dodawanie produktów do sklepu(całościowych webinarów/kursów/studium),
  - usuwanie produktów ze sklepu,
  - wprowadzanie sylabusa do systemu
  - generowanie listy kursantów, którzy ukończyli kurs,
  - Funkcje do naprawy błędów/dokonywania zmian:
    - modyfikowanie listy uczestników danego kursu/studium/webinaru(np. dodawanie uczestników po rozpoczęciu webinaru, usuwanie uczestników, którzy zrezygnowali),
- Dyrektor:
  - decyduje o odroczeniu płatności
  - weryfikuje ukończenie kursów/studium i podejmuje decyzję o wysłaniu dyplomów (np. generowanie listy absolwentów),
  - generowanie listy kursantów, którzy ukończyli kurs,
- klient firmy/ student:
  - zakładanie konta w systemie,
  - logowanie do konta w systemie,
  - wyświetlanie i zarządzanie profilem,
  - dodawanie produktów do koszyka,
  - opłacanie wybranych produktów (samą płatność stanowi zewnętrzny system, którego nie mamy implementować),
  - generowanie własnych kolizji w planie zajęć,
  - sprawdzenie własnego długu,
  - dostęp do informacji o poszczególnych webinarach:
    - język wykładu,
    - dane prowadzącego,
  - możliwość zapisania się do odrobienia zajęć,
  - weryfikacja postępu w kursie (obecność, zaliczenie obejrzenia materiału),
  - generowanie raportu własnej frekwencji,
  - ogólny raport dotyczący liczby zapisanych osób na przyszłe wydarzenia,
  - ogólny raport dotyczący frekwencji
  - raport bilokacji własnych zajęć
- nauczyciel
  - udostępnianie webinarów(dodawanie do bazy rekordów z linkami),
  - generowanie raportów:
    - lista obecności (na zajęciach, prowadzonych przez siebie),
    - bilokacji (raport bilokacji własnych uczniów),
    - dot. frekwencji (raporty frekwencji własnych zajęć),
    - dot. osób zapisanych na przyszłe wydarzenia (raporty na temat osób zapisanych na zajęcia prowadzone przez siebie),
  - wprowadzenia frekwencji do systemu,
- system:
  - generowanie linku do płatności,
  - informacja zwrotna o statusie transakcji i dodanie dostępu do produktu do konta,
  - automatycznie sprawdzenie obecności,
  - weryfikacja obejrzenia materiału,
  - weryfikowanie warunków ukończenia kursów/studium,
  - ustalenie limitu miejsc,
  - weryfikowanie przekroczenia limitu miejsc: kursy hybrydowe i stacjonarne.



W tabeli Students na diagramie zakryty jest tylko PhoneNumber

Skrypty tworzenia tabel: Tabela Certificates:

```
CREATE TABLE [dbo].[Certificates](
    [CourseCertificateID] [int] NOT NULL,
    [CourseID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [CertificateHyperlink] [nvarchar](100) NOT NULL,
 CONSTRAINT [PK_Certificates] PRIMARY KEY CLUSTERED
(
    [CourseCertificateID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
```

```
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Certificates]  WITH CHECK ADD  CONSTRAINT [FK_Certificates_Courses] FOREIGN KEY([CourseID])
REFERENCES [dbo].[Courses] ([CourseID])
GO

ALTER TABLE [dbo].[Certificates] CHECK CONSTRAINT [FK_Certificates_Courses]
GO
```

Tabela Courses:

```
CREATE TABLE [dbo].[Courses](
    [CourseID] [int] NOT NULL,
    [Name] [nvarchar](50) NOT NULL,
    [Price] [money] NOT NULL,
    [Duration] [int] NOT NULL,
    [MeetingCount] [int] NOT NULL,
    [Limit] [int] NOT NULL,
    [Language] [nvarchar](50) NOT NULL,
    [TranslatorName] [nvarchar](50) NULL,
    [TranslatorSurname] [nvarchar](50) NULL,
    [Hyperlink] [nvarchar](100) NOT NULL,
 CONSTRAINT [PK_Courses] PRIMARY KEY CLUSTERED
(
    [CourseID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

Tabela CoursesModules:

```
CREATE TABLE [dbo].[CoursesModules](
    [ModuleID] [int] NOT NULL,
    [TeacherID] [int] NOT NULL,
    [CourseID] [int] NOT NULL,
    [ModuleName] [nvarchar](50) NOT NULL,
    [Type] [nvarchar](50) NOT NULL,
    [BeginningDate] [datetime] NOT NULL,
    [EndingDate] [datetime] NOT NULL,
    [SeatCount] [int] NULL,
 CONSTRAINT [PK_CoursesModules] PRIMARY KEY CLUSTERED
(
    [ModuleID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[CoursesModules]  WITH CHECK ADD  CONSTRAINT [FK_CoursesModules_Courses] FOREIGN KEY([CourseID])
REFERENCES [dbo].[Courses] ([CourseID])
GO

ALTER TABLE [dbo].[CoursesModules] CHECK CONSTRAINT [FK_CoursesModules_Courses]
GO
```

Tabela Employees:

```
CREATE TABLE [dbo].[Employees](
    [EmployeeID] [int] IDENTITY(1,1) NOT NULL,
    [UserID] [int] NOT NULL,
    [Type] [nvarchar](50) NOT NULL,
    [Name] [nvarchar](50) NOT NULL,
    [Surname] [nvarchar](50) NOT NULL,
    [Country] [nvarchar](50) NOT NULL,
    [City] [nvarchar](50) NOT NULL,
    [ZipCode] [nvarchar](50) NULL,
    [Street] [nvarchar](50) NOT NULL,
    [Address] [nvarchar](50) NOT NULL,
 CONSTRAINT [PK_Employees] PRIMARY KEY CLUSTERED
(
    [EmployeeID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Employees]  WITH CHECK ADD  CONSTRAINT [FK_Employees_Users] FOREIGN KEY([UserID])
REFERENCES [dbo].[Users] ([UserID])
GO
```

```
ALTER TABLE [dbo].[Employees] CHECK CONSTRAINT [FK_Employees_Users]
GO
```

Tabela ModulesAbsences:

```
CREATE TABLE [dbo].[ModulesAbsences](
    [ModuleAbsenceID] [nchar](10) NOT NULL,
    [ModuleID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
 CONSTRAINT [PK_CourseAbsences] PRIMARY KEY CLUSTERED
(
    [ModuleAbsenceID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[ModulesAbsences]  WITH CHECK ADD  CONSTRAINT [FK_ModulesAbsences_CoursesModules] FOREIGN KEY([ModuleID])
REFERENCES [dbo].[CoursesModules] ([ModuleID])
GO

ALTER TABLE [dbo].[ModulesAbsences] CHECK CONSTRAINT [FK_ModulesAbsences_CoursesModules]
GO
```

Tabela OrderedCourses:

```
CREATE TABLE [dbo].[OrderedCourses](
    [OrderedCourseID] [int] NOT NULL,
    [CourseID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [OrderDate] [datetime] NOT NULL,
    [StartDate] [datetime] NOT NULL,
    [LeftPayment] [money] NOT NULL,
    [PaymentDeferral] [bit] NOT NULL,
    [PaymentDeferralReason] [nvarchar](max) NULL,
 CONSTRAINT [PK_OrderedCourses] PRIMARY KEY CLUSTERED
(
    [OrderedCourseID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

ALTER TABLE [dbo].[OrderedCourses]  WITH CHECK ADD  CONSTRAINT [FK_OrderedCourses_Courses] FOREIGN KEY([CourseID])
REFERENCES [dbo].[Courses] ([CourseID])
GO

ALTER TABLE [dbo].[OrderedCourses] CHECK CONSTRAINT [FK_OrderedCourses_Courses]
GO

ALTER TABLE [dbo].[OrderedCourses]  WITH CHECK ADD  CONSTRAINT [FK_OrderedCourses_Students] FOREIGN KEY([StudentID])
REFERENCES [dbo].[Students] ([StudentID])
GO

ALTER TABLE [dbo].[OrderedCourses] CHECK CONSTRAINT [FK_OrderedCourses_Students]
GO
```

Tabela OrderedStudies:

```
CREATE TABLE [dbo].[OrderedStudies](
    [OrderedStudyID] [int] NOT NULL,
    [StudyID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [OrderDate] [datetime] NOT NULL,
    [PaymentDeferral] [bit] NOT NULL,
    [PaymentDeferralReason] [nvarchar](max) NULL,
    [FailedInternship] [bit] NOT NULL,
 CONSTRAINT [PK_OrderedStudies] PRIMARY KEY CLUSTERED
(
    [OrderedStudyID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

ALTER TABLE [dbo].[OrderedStudies]  WITH CHECK ADD  CONSTRAINT [FK_OrderedStudies_Students] FOREIGN KEY([StudentID])
REFERENCES [dbo].[Students] ([StudentID])
GO

ALTER TABLE [dbo].[OrderedStudies] CHECK CONSTRAINT [FK_OrderedStudies_Students]
GO

ALTER TABLE [dbo].[OrderedStudies]  WITH CHECK ADD  CONSTRAINT [FK_OrderedStudies_Studies] FOREIGN KEY([StudyID])
```

```
REFERENCES [dbo].[Studies] ([StudyID])
GO

ALTER TABLE [dbo].[OrderedStudies] CHECK CONSTRAINT [FK_OrderedStudies_Studies]
GO
```

Tabela OrderedStudyMeetings:

```
CREATE TABLE [dbo].[OrderedStudyMeetings](
    [OrderedStudyMeetingID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [StudyMeetingID] [int] NOT NULL,
    [OrderDate] [datetime] NOT NULL,
 CONSTRAINT [PK_OrderedStudyMeetings] PRIMARY KEY CLUSTERED
(
    [OrderedStudyMeetingID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[OrderedStudyMeetings]  WITH CHECK ADD  CONSTRAINT [FK_OrderedStudyMeetings_Students] FOREIGN KEY([StudentID])
REFERENCES [dbo].[Students] ([StudentID])
GO

ALTER TABLE [dbo].[OrderedStudyMeetings] CHECK CONSTRAINT [FK_OrderedStudyMeetings_Students]
GO

ALTER TABLE [dbo].[OrderedStudyMeetings]  WITH CHECK ADD  CONSTRAINT [FK_OrderedStudyMeetings_StudyMeetings] FOREIGN KEY([StudyMeetingID])
REFERENCES [dbo].[StudyMeetings] ([StudyMeetingID])
GO

ALTER TABLE [dbo].[OrderedStudyMeetings] CHECK CONSTRAINT [FK_OrderedStudyMeetings_StudyMeetings]
GO
```

Tabela OrderedWebinars:

```
CREATE TABLE [dbo].[OrderedWebinars](
    [OrderedWebinarID] [int] NOT NULL,
    [WebinarID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [OrderDate] [datetime] NOT NULL,
    [ExpireDate] [datetime] NOT NULL,
    [PaymentDeferral] [bit] NOT NULL,
    [PaymentDeferralReason] [nvarchar](max) NULL,
 CONSTRAINT [PK_OrderedWebinars] PRIMARY KEY CLUSTERED
(
    [OrderedWebinarID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO

ALTER TABLE [dbo].[OrderedWebinars]  WITH CHECK ADD  CONSTRAINT [FK_OrderedWebinars_Students] FOREIGN KEY([StudentID])
REFERENCES [dbo].[Students] ([StudentID])
GO

ALTER TABLE [dbo].[OrderedWebinars] CHECK CONSTRAINT [FK_OrderedWebinars_Students]
GO

ALTER TABLE [dbo].[OrderedWebinars]  WITH CHECK ADD  CONSTRAINT [FK_OrderedWebinars_Webinars] FOREIGN KEY([WebinarID])
REFERENCES [dbo].[Webinars] ([WebinarID])
GO

ALTER TABLE [dbo].[OrderedWebinars] CHECK CONSTRAINT [FK_OrderedWebinars_Webinars]
GO
```

Tabela Students:

```
CREATE TABLE [dbo].[Students](
    [StudentID] [int] IDENTITY(1,1) NOT NULL,
    [UserID] [int] NOT NULL,
    [Name] [nvarchar](50) NULL,
    [Surname] [nvarchar](50) NULL,
    [Country] [nvarchar](50) NOT NULL,
    [City] [nvarchar](50) NOT NULL,
    [ZipCode] [nvarchar](50) NULL,
    [Street] [nvarchar](50) NOT NULL,
    [Address] [nvarchar](50) NOT NULL,
    [PhoneNumber] [nvarchar](50) NULL,
 CONSTRAINT [PK_Students] PRIMARY KEY CLUSTERED
(
    [StudentID] ASC
```

```
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Students]  WITH CHECK ADD  CONSTRAINT [FK_Students_Users] FOREIGN KEY([UserID])
REFERENCES [dbo].[Users] ([UserID])
GO

ALTER TABLE [dbo].[Students] CHECK CONSTRAINT [FK_Students_Users]
GO
```

Tabela Studies:

```
CREATE TABLE [dbo].[Studies](
    [StudyID] [int] NOT NULL,
    [FieldOfStudy] [nvarchar](50) NOT NULL,
    [Duration] [int] NOT NULL,
    [Price] [money] NOT NULL,
    [EntryFee] [money] NOT NULL,
    [AcademicYear] [int] NOT NULL,
    [Limit] [int] NOT NULL,
    [MeetingCount] [int] NOT NULL,
    [Language] [nvarchar](50) NOT NULL,
    [TranslatorName] [nvarchar](50) NULL,
    [TranslatorSurname] [nchar](10) NULL,
    [SyllabusDescription] [nvarchar](max) NOT NULL,
    [InternshipName] [nvarchar](50) NOT NULL,
    [InternshipStartDate] [datetime] NOT NULL,
 CONSTRAINT [PK_Studies] PRIMARY KEY CLUSTERED
(
    [StudyID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
```

Tabela StudyMeetings:

```
CREATE TABLE [dbo].[StudyMeetings](
    [StudyMeetingID] [int] NOT NULL,
    [StudyID] [int] NOT NULL,
    [Type] [nvarchar](50) NOT NULL,
    [TeacherID] [int] NOT NULL,
    [MeetingName] [nvarchar](50) NOT NULL,
    [MeetingPrice] [money] NOT NULL,
    [BeginningDate] [datetime] NOT NULL,
    [EndingDate] [datetime] NOT NULL,
    [MeetingSyllabusDescription] [nvarchar](1000) NOT NULL,
    [SeatCount] [int] NULL,
 CONSTRAINT [PK_StudyMeetings] PRIMARY KEY CLUSTERED
(
    [StudyMeetingID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[StudyMeetings]  WITH CHECK ADD  CONSTRAINT [FK_StudyMeetings_Studies] FOREIGN KEY([StudyID])
REFERENCES [dbo].[Studies] ([StudyID])
GO

ALTER TABLE [dbo].[StudyMeetings] CHECK CONSTRAINT [FK_StudyMeetings_Studies]
GO
```

Tabela StudyMeetingsAbsences:

```
CREATE TABLE [dbo].[StudyMeetingsAbsences](
    [StudyMeetingAbsenceID] [int] NOT NULL,
    [StudyMeetingID] [int] NOT NULL,
    [StudentID] [int] NOT NULL,
    [HasBeenCaughtUp] [bit] NOT NULL,
 CONSTRAINT [PK_StudyMeetingsAbsences_1] PRIMARY KEY CLUSTERED
(
    [StudyMeetingAbsenceID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[StudyMeetingsAbsences]  WITH CHECK ADD  CONSTRAINT [FK_StudyMeetingsAbsences_StudyMeetings1] FOREIGN KEY([StudyMeetingID])
REFERENCES [dbo].[StudyMeetings] ([StudyMeetingID])
GO
```

```
ALTER TABLE [dbo].[StudyMeetingsAbsences] CHECK CONSTRAINT [FK_StudyMeetingsAbsences_StudyMeetings1]
GO
```

Tabela Teachers:

```
CREATE TABLE [dbo].[Teachers](
    [TeacherID] [int] IDENTITY(1,1) NOT NULL,
    [UserID] [int] NOT NULL,
    [Name] [nvarchar](50) NOT NULL,
    [Surname] [nvarchar](50) NOT NULL,
    [Country] [nvarchar](50) NOT NULL,
    [City] [nvarchar](50) NOT NULL,
    [ZipCode] [nvarchar](50) NULL,
    [Street] [nvarchar](50) NOT NULL,
    [Address] [nvarchar](50) NOT NULL,
 CONSTRAINT [PK_Teachers] PRIMARY KEY CLUSTERED
(
    [TeacherID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Teachers]  WITH CHECK ADD  CONSTRAINT [FK_Teachers_Users] FOREIGN KEY([UserID])
REFERENCES [dbo].[Users] ([UserID])
GO

ALTER TABLE [dbo].[Teachers] CHECK CONSTRAINT [FK_Teachers_Users]
GO
```

Tabela Users:

```
CREATE TABLE [dbo].[Users](
    [UserID] [int] IDENTITY(1,1) NOT NULL,
    [Email] [nvarchar](320) NOT NULL,
    [Password] [nvarchar](50) NOT NULL,
 CONSTRAINT [PK_Users] PRIMARY KEY CLUSTERED
(
    [UserID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
```

Tabela Webinars:

```
CREATE TABLE [dbo].[Webinars](
    [WebinarID] [int] NOT NULL,
    [TeacherID] [int] NOT NULL,
    [Name] [nvarchar](50) NOT NULL,
    [Price] [money] NOT NULL,
    [Hyperlink] [nvarchar](100) NOT NULL,
    [Language] [nvarchar](50) NOT NULL,
    [TranslatorName] [nvarchar](50) NULL,
    [TranslatorSurname] [nvarchar](50) NULL,
 CONSTRAINT [PK_Webinars] PRIMARY KEY CLUSTERED
(
    [WebinarID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON,
OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO

ALTER TABLE [dbo].[Webinars]  WITH CHECK ADD  CONSTRAINT [FK_Webinars_Teachers] FOREIGN KEY([TeacherID])
REFERENCES [dbo].[Teachers] ([TeacherID])
GO

ALTER TABLE [dbo].[Webinars] CHECK CONSTRAINT [FK_Webinars_Teachers]
GO
```

Wstawiliśmy do bazy dane testowe za pomocą generatora Mockaroo. Większość tabel(poza Employees i Teachers) ma 7-15 rekordów. Oto przykładowe operacje insert: Do Courses:

```
insert into Courses (CourseID, Name, Price, Duration, MeetingCount, Limit, Language, TranslatorName, TranslatorSurname, Hyperlink) values (1,
'Andalax', 38.09, 14, 50, 144, 'Moldovan', 'Corrina', 'Carmont', 'https://cdbaby.com');
insert into Courses (CourseID, Name, Price, Duration, MeetingCount, Limit, Language, TranslatorName, TranslatorSurname, Hyperlink) values (2,
'Tampflex', 20.6, 9, 32, 107, 'Nepali', 'Hedy', 'Paddock', 'http://uol.com.br');
```