ПРИЛОЖЕНИЕ Д. СКРИПТ БАЗЫ ДАННЫХ

АННОТАЦИЯ

В данном программном документе в разделе «Текст базы данных» приведен скрипт базы данных программного комплекса «Polyphonia».

1. ТЕКСТ БАЗЫ ДАННЫХ

Ниже приведен скрипт базы данных, разработанный в системе управления реляционными базами данных Microsoft SQL Server.

set ansi\_padding on

go

set quoted\_identifier on

go

set ansi\_nulls on

go

create database [Polyphonia\_Database]

go

use[Polyphonia\_Database]

go

create table [dbo].[Role]

(

[ID\_Role] [int] not null identity(1,1),

[Name] [varchar] (25) not null

constraint [PK\_ID\_Role] primary key clustered ([ID\_Role] ASC) on [PRIMARY],

constraint [UQ\_Name\_Role] unique ([Name])

)

go

create table [dbo].[Client]

(

[ID\_Client] [int] not null identity(1,1),

[Name] [varchar] (12) not null,

[Email] [varchar] (30) not null,

[Key] [varchar] (Max) not null,

[Avatar] [varchar] (MAX) null,

[Bio] [varchar] (45) null

constraint [PK\_ID\_Client] primary key clustered ([ID\_Client] ASC) on [PRIMARY],

constraint [UQ\_Name] unique ([Name]),

constraint [UQ\_Email] unique ([Email])

)

go

create table [dbo].[Channel]

(

[ID\_Channel] [int] not null identity(1,1),

[Name] [varchar] (25) not null,

[Description] [varchar] (MAX) not null,

[Avatar] [varchar] (MAX) null,

[Rate] [float] null,

[Rate\_Count] [float] null

constraint [PK\_ID\_Channel] primary key clustered ([ID\_Channel] ASC) on [PRIMARY],

constraint [UQ\_Name\_Channel] unique ([Name])

)

go

create table [dbo].[Category]

(

[ID\_Category] [int] not null identity(1,1),

[Name] [varchar] (21) not null

constraint [PK\_ID\_Category] primary key clustered ([ID\_Category] ASC) on [PRIMARY],

constraint [UQ\_Name\_Category] unique ([Name])

)

go

create table [dbo].[News]

(

[ID\_News] [int] not null identity(1,1),

[Header] [varchar] (45) not null,

[Description] [varchar] (MAX) not null,

[Rate] [float] null,

[Rate\_Count] [float] null,

[Date] [datetime] not null,

[ID\_Category] [int] not null,

[ID\_Channel] [int] not null

constraint [PK\_ID\_News] primary key clustered ([ID\_News] ASC) on [PRIMARY],

constraint [FK\_ID\_Category] foreign key ([ID\_Category]) references [dbo].[Category] ([ID\_Category]),

constraint [FK\_ID\_Channel] foreign key ([ID\_Channel]) references [dbo].[Channel] ([ID\_Channel])

)

go

create table [dbo].[Media]

(

[ID\_Media] [int] not null identity(1,1),

[Link] [varchar] (MAX) not null,

[ID\_News] [int] not null

constraint [PK\_ID\_Media] primary key clustered ([ID\_Media] ASC) on [PRIMARY],

constraint [FK\_ID\_News\_Media] foreign key ([ID\_News]) references [dbo].[News] ([ID\_News])

)

go

create table [dbo].[Client\_Type]

(

[ID\_Client\_Type] [int] not null identity(1,1),

[ID\_Client] [int] not null,

[ID\_Channel] [int] not null,

[ID\_Role] [int] not null

constraint [PK\_ID\_Client\_Type] primary key clustered ([ID\_Client\_Type] ASC) on [PRIMARY],

constraint [FK\_ID\_Channel\_Client\_Type] foreign key ([ID\_Channel]) references [dbo].[Channel] ([ID\_Channel]),

constraint [FK\_ID\_Client] foreign key ([ID\_Client]) references [dbo].[Client] ([ID\_Client]),

constraint [FK\_ID\_Role] foreign key ([ID\_Role]) references [dbo].[Role] ([ID\_Role])

)

go

create table [dbo].[Comment]

(

[ID\_Comment] [int] not null identity(1,1),

[ID\_Client] [int] not null,

[ID\_News] [int] not null,

[Text] [varchar] (100) not null

constraint [PK\_ID\_Comment] primary key clustered ([ID\_Comment] ASC) on [PRIMARY],

constraint [FK\_ID\_News\_Comment] foreign key ([ID\_News]) references [dbo].[News] ([ID\_News]),

constraint [FK\_ID\_Client\_Comment] foreign key ([ID\_Client]) references [dbo].[Client] ([ID\_Client])

)

go