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]),
```

```sql
        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,
```

```sql
        [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
```

```sql
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
```