Создание таблиц

CREATE TABLE [dbo].[events] (

[Id\_events] INT IDENTITY (1, 1) NOT NULL,

[name] NVARCHAR (MAX) NOT NULL,

[description] NVARCHAR (MAX) NOT NULL,

[datatime\_begin] DATETIME NOT NULL,

[datatime\_end] DATETIME NOT NULL,

[year] INT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_events] ASC)

);

CREATE TABLE [dbo].[federal\_districts] (

[Id\_federal\_districts] INT IDENTITY (1, 1) NOT NULL,

[federal\_districts] NVARCHAR (MAX) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_federal\_districts] ASC)

);

CREATE TABLE [dbo].[message\_categories] (

[Id\_message\_categories] INT IDENTITY (1, 1) NOT NULL,

[message\_categories] NVARCHAR (MAX) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_message\_categories] ASC)

);

CREATE TABLE [dbo].[message\_processing] (

[Id\_message\_processing] INT IDENTITY (1, 1) NOT NULL,

[Id\_message\_processing\_staff] INT NOT NULL,

[Id\_message\_processing\_message] INT NOT NULL,

[Id\_message\_processing\_status\_message] INT NOT NULL,

[answer\_comment] NVARCHAR (MAX) NULL,

PRIMARY KEY CLUSTERED ([Id\_message\_processing] ASC),

CONSTRAINT [FK\_message\_processing\_ToTable] FOREIGN KEY ([Id\_message\_processing\_staff]) REFERENCES [dbo].[staff] ([Id\_staff]),

CONSTRAINT [FK\_message\_processing\_ToTable\_2] FOREIGN KEY ([Id\_message\_processing\_status\_message]) REFERENCES [dbo].[status\_message] ([Id\_status\_message]),

CONSTRAINT [FK\_message\_processing\_message\_ToTable\_3] FOREIGN KEY ([Id\_message\_processing\_message]) REFERENCES [dbo].[messages] ([Id\_message])

);

CREATE TABLE [dbo].[messages] (

[Id\_message] INT IDENTITY (1, 1) NOT NULL,

[datatime] DATETIME NOT NULL,

[Id\_message\_user] INT NOT NULL,

[Id\_message\_type\_message] INT NOT NULL,

[message\_text] NVARCHAR (MAX) NOT NULL,

[Id\_message\_event] INT NOT NULL,

[media\_content] NVARCHAR (MAX) NULL,

[processed] BIT DEFAULT ('False') NULL,

[Id\_message\_message\_categories] INT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_message] ASC),

CONSTRAINT [FK\_message\_event\_ToTable\_3] FOREIGN KEY ([Id\_message\_event]) REFERENCES [dbo].[events] ([Id\_events]),

CONSTRAINT [FK\_message\_message\_categories\_ToTable\_4] FOREIGN KEY ([Id\_message\_message\_categories]) REFERENCES [dbo].[message\_categories] ([Id\_message\_categories]),

CONSTRAINT [FK\_message\_user\_ToTable] FOREIGN KEY ([Id\_message\_user]) REFERENCES [dbo].[user] ([Id\_user])

);

CREATE TABLE [dbo].[popular\_group] (

[Id\_popular\_group] INT IDENTITY (1, 1) NOT NULL,

[content] NVARCHAR (MAX) NOT NULL,

[Id\_popular\_group\_event] INT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_popular\_group] ASC),

CONSTRAINT [FK\_popular\_group\_ToTable] FOREIGN KEY ([Id\_popular\_group\_event]) REFERENCES [dbo].[events] ([Id\_events])

);

CREATE TABLE [dbo].[popular\_messages] (

[Id\_popular\_messages] INT IDENTITY (1, 1) NOT NULL,

[Id\_popular\_messages\_message] INT NOT NULL,

[Id\_popular\_messages\_popular\_group] INT NOT NULL,

[vote] INT DEFAULT ((0)) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_popular\_messages] ASC),

CONSTRAINT [FK\_popular\_messages\_ToTable\_1] FOREIGN KEY ([Id\_popular\_messages\_popular\_group]) REFERENCES [dbo].[popular\_group] ([Id\_popular\_group]),

CONSTRAINT [FK\_popular\_messages\_message\_ToTable\_2] FOREIGN KEY ([Id\_popular\_messages\_message]) REFERENCES [dbo].[messages] ([Id\_message])

);

CREATE TABLE [dbo].[staff] (

[Id\_staff] INT IDENTITY (1, 1) NOT NULL,

[first\_name] NVARCHAR (MAX) NOT NULL,

[second\_name] NVARCHAR (MAX) NOT NULL,

[patronymic] NVARCHAR (MAX) NOT NULL,

[log] NVARCHAR (MAX) NOT NULL,

[pass] NVARCHAR (MAX) NOT NULL,

[email] NVARCHAR (MAX) NOT NULL,

[telephone] NVARCHAR (MAX) NOT NULL,

[Id\_staff\_type\_staff] INT NOT NULL,

[online] BIT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_staff] ASC),

CONSTRAINT [FK\_staff\_ToTable] FOREIGN KEY ([Id\_staff\_type\_staff]) REFERENCES [dbo].[type\_staff] ([Id\_type\_staff])

);

CREATE TABLE [dbo].[staff\_event] (

[Id\_staff\_event] INT IDENTITY (1, 1) NOT NULL,

[Id\_staff\_event\_staff] INT NOT NULL,

[Id\_staff\_event\_event] INT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_staff\_event] ASC),

CONSTRAINT [FK\_staff\_event\_staff\_ToTable] FOREIGN KEY ([Id\_staff\_event\_staff]) REFERENCES [dbo].[staff] ([Id\_staff]),

CONSTRAINT [FK\_staff\_event\_event\_ToTable\_2] FOREIGN KEY ([Id\_staff\_event\_event]) REFERENCES [dbo].[events] ([Id\_events])

);

CREATE TABLE [dbo].[status\_message] (

[Id\_status\_message] INT IDENTITY (1, 1) NOT NULL,

[status\_message] NVARCHAR (MAX) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_status\_message] ASC)

);

CREATE TABLE [dbo].[type\_message] (

[Id\_type\_message] INT IDENTITY (1, 1) NOT NULL,

[type\_message] NVARCHAR (MAX) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_type\_message] ASC)

);

CREATE TABLE [dbo].[type\_staff] (

[Id\_type\_staff] INT IDENTITY (1, 1) NOT NULL,

[type\_staff] NVARCHAR (MAX) NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_type\_staff] ASC)

);

CREATE TABLE [dbo].[user] (

[Id\_user] INT IDENTITY (1, 1) NOT NULL,

[first\_name] NVARCHAR (MAX) NULL,

[second\_name] NVARCHAR (MAX) NULL,

[patronymic] NVARCHAR (MAX) NULL,

[telephone] NVARCHAR (MAX) NULL,

[email] NVARCHAR (MAX) NULL,

[age] INT NULL,

[id\_user\_federal\_districts] INT NOT NULL,

PRIMARY KEY CLUSTERED ([Id\_user] ASC),

CONSTRAINT [FK\_user\_ToTable] FOREIGN KEY ([id\_user\_federal\_districts]) REFERENCES [dbo].[federal\_districts] ([Id\_federal\_districts])

);

Данные

events

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | Прямая линия с Владимиром Путиным 2015 | 15 июня 2017 года в 12:00 мск в прямом эфире «Первого канала», телеканалов «Россия 1» и «Россия 24», радиостанций «Маяк», «Вести FM» и «Радио России» вышла специальная программа «Прямая линия с Владимиром Путиным». | 15.06.2017 0:00:00 | 15.06.2017 0:00:00 | 2017 |
| 4 | Прямая линия с Владимиром Путиным 2014 | 14 апреля 2016 года в прямом эфире «Первого канала», телеканалов «Россия 1» и «Россия 24», радиостанций «Маяк», «Вести FM» и «Радио России» вышла специальная программа «Прямая линия с Владимиром Путиным». | 14.04.2016 0:00:00 | 14.04.2016 0:00:00 | 2016 |
| 6 | Прямая линия 2017 | Описание мероприятия | 01.10.2017 0:00:00 | 31.12.2017 0:00:00 | 2017 |

Federal\_disticts

|  |  |
| --- | --- |
| 1 | Центральный ФО |
| 2 | Южный ФО |
| 3 | Северо-Западный ФО |
| 4 | Дальневосточный ФО |
| 5 | Сибирский ФО |
| 6 | Уральский ФО |
| 7 | Приволжский ФО |
| 8 | Северо-Кавказский ФО |
| 9 | Крымский ФО |

Messages\_categories and popular\_group

|  |  |
| --- | --- |
| 1 | Жилье и коммунально-бытовое обслуживание |
| 2 | Защита прав и свободы человека и гражданина |
| 3 | Государство, общество и внутренняя политика |
| 4 | Труд и зарплаты |
| 5 | Промышленность, строительство, транспорт и связь |
| 6 | Международная политика и сотрудничество с зарубежными странами |
| 7 | Здравоохранение |

Message\_processing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 2 | 4 | 11 |

Messages

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | 21.11.2017 0:00:00 | 1 | 4 | текст обращения | 6 | 1.mp4 | False | 1 |

Popular\_messages

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 2 | 1 | 1 |

Staff

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Иван | Иванов | Иванович | ivan | ivan | ivandouble@mail.ru | +779171231212 | 1 | True |
| 2 | Загоруйко | Анна | Леонидовна | moder | moder | ewewe@mail.ru | 89562145844 | 3 | True |

Staff\_event

|  |  |  |
| --- | --- | --- |
| 1 | 2 | 6 |

Status\_message

|  |  |
| --- | --- |
| 1 | отклонено |
| 2 | в эфир |
| 3 | отвечено в эфире Президентом РФ (закрыто) |
| 4 | в дальнейшую обработку |
| 5 | обработка закрыта в дальнейшей обработке |

Type\_message

|  |  |
| --- | --- |
| 1 | телефонный звонок |
| 2 | SMS |
| 3 | email |
| 4 | с формы портала |

Type\_staff

|  |  |
| --- | --- |
| 1 | администратор мероприятия |
| 2 | оператор |
| 3 | модератор |
| 4 | Президент РФ |
| 5 | ведущий |

user

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Иванов | Иван | Иванович | 89504820227 | o9@mail.ru | 22 | 1 |
| 2 | wer | er | 63 | 1234 | 36 | 12 | 4 |