

SET ANSI\_PADDING ON

GO

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE DATABASE chat

GO

USE chat

GO

CREATE TABLE chats /\*Чаты\*/

(

[ID\_CHAT] INT NOT NULL IDENTITY(1,1),

[NAME\_CHAT] VARCHAR(100) NOT NULL,

CONSTRAINT [ID\_CHAT] PRIMARY KEY CLUSTERED

([ID\_CHAT] ASC) ON [PRIMARY]

)

GO

CREATE TABLE users /\*Пользователи\*/

(

[ID\_USER] INT NOT NULL IDENTITY(1,1),

[LOGIN] VARCHAR(50) NOT NULL,

[PASSWORD] VARCHAR(50) NOT NULL,

CONSTRAINT [ID\_USER] PRIMARY KEY CLUSTERED

([ID\_USER] ASC) ON [PRIMARY]

)

GO

CREATE TABLE dictionary /\*Словарь\*/

(

[ID\_DICT] INT NOT NULL IDENTITY(1,1),

[WORD] VARCHAR(150) NOT NULL,

[MEANING] VARCHAR (150) NOT NULL,

CONSTRAINT [ID\_DICT] PRIMARY KEY CLUSTERED

([ID\_DICT] ASC) ON [PRIMARY]

)

GO

CREATE TABLE messagen /\*Сообщения, строка ввода\*/

(

[ID\_MES] INT NOT NULL IDENTITY(1,1),

[CHAT\_ID] INT NOT NULL,

[USER\_ID] INT NOT NULL,

[REPLACE] INT NOT NULL,

CONSTRAINT [ID\_MES] PRIMARY KEY CLUSTERED

([ID\_MES] ASC) ON [PRIMARY],

CONSTRAINT [FK\_ID\_CHAT] FOREIGN KEY ([CHAT\_ID])

REFERENCES chats ([ID\_CHAT]),

CONSTRAINT [FK\_ID\_USER] FOREIGN KEY ([USER\_ID])

REFERENCES users ([ID\_USER]),

CONSTRAINT [FK\_ID\_DICT] FOREIGN KEY ([REPLACE])

REFERENCES dictionary ([ID\_DICT])

)

GO

CREATE TABLE story\_chat /\*История чата\*/

(

[ID\_STORY] INT NOT NULL IDENTITY(1,1),

[USER1\_ID] INT NOT NULL,

[USER2\_ID] INT NOT NULL,

[CHATS\_ID] INT NOT NULL,

[MES\_ID] INT NOT NULL,

[DATA\_MES] DATE NOT NULL,

CONSTRAINT [ID\_STORY] PRIMARY KEY CLUSTERED

([ID\_STORY] ASC) ON [PRIMARY],

CONSTRAINT [FK\_ID\_USER1] FOREIGN KEY ([USER1\_ID])

REFERENCES users ([ID\_USER]),

CONSTRAINT [FK\_ID\_USER2] FOREIGN KEY ([USER2\_ID])

REFERENCES users ([ID\_USER]),

CONSTRAINT [FK\_ID\_CHATS] FOREIGN KEY ([CHATS\_ID])

REFERENCES chats ([ID\_CHAT]),

CONSTRAINT [FK\_ID\_MES] FOREIGN KEY ([MES\_ID])

REFERENCES messagen ([ID\_MES])

)

GO