USE [master]

GO

/\*\*\*\*\*\* Object: Database [Матвеев\_ПДЭ\_419/5] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

CREATE DATABASE [Матвеев\_ПДЭ\_419/5]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'Матвеев\_ПДЭ\_419\_5', FILENAME = N'D:\MSSQL14.SQLSERVER\MSSQL\DATA\Матвеев\_ПДЭ\_419\_5.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED, FILEGROWTH = 10%)

LOG ON

( NAME = N'Матвеев\_ПДЭ\_419\_5\_log', FILENAME = N'D:\MSSQL14.SQLSERVER\MSSQL\DATA\Матвеев\_ПДЭ\_419\_5\_log.ldf' , SIZE = 1024KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET COMPATIBILITY\_LEVEL = 140

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [Матвеев\_ПДЭ\_419/5].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ARITHABORT OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET DISABLE\_BROKER

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET RECOVERY SIMPLE

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET MULTI\_USER

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET DB\_CHAINING OFF

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET TARGET\_RECOVERY\_TIME = 0 SECONDS

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET DELAYED\_DURABILITY = DISABLED

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET QUERY\_STORE = OFF

GO

USE [Матвеев\_ПДЭ\_419/5]

GO

/\*\*\*\*\*\* Object: Table [dbo].[materials] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[materials](

[material\_id] [int] IDENTITY(1,1) NOT NULL,

[material\_name] [nvarchar](100) NOT NULL,

[overuse\_percent] [decimal](4, 2) NOT NULL,

PRIMARY KEY CLUSTERED

(

[material\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY],

UNIQUE NONCLUSTERED

(

[material\_name] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[partner\_service\_facts] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[partner\_service\_facts](

[fact\_id] [int] IDENTITY(1,1) NOT NULL,

[partner\_id] [int] NOT NULL,

[service\_code] [nvarchar](20) NOT NULL,

[quantity] [int] NOT NULL,

[execution\_date] [date] NOT NULL,

PRIMARY KEY CLUSTERED

(

[fact\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[partners] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[partners](

[partner\_id] [int] IDENTITY(1,1) NOT NULL,

[partner\_type] [nvarchar](20) NOT NULL,

[name] [nvarchar](255) NOT NULL,

[manager\_name] [nvarchar](255) NOT NULL,

[email] [nvarchar](255) NULL,

[phone] [nvarchar](20) NULL,

[legal\_address] [nvarchar](500) NOT NULL,

[inn] [nvarchar](12) NOT NULL,

[rating] [int] NULL,

PRIMARY KEY CLUSTERED

(

[partner\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY],

UNIQUE NONCLUSTERED

(

[name] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY],

UNIQUE NONCLUSTERED

(

[inn] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[service\_materials] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[service\_materials](

[service\_code] [nvarchar](20) NOT NULL,

[material\_id] [int] NOT NULL,

[quantity\_per\_unit] [decimal](10, 3) NOT NULL,

PRIMARY KEY CLUSTERED

(

[service\_code] ASC,

[material\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[service\_types] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[service\_types](

[type\_name] [nvarchar](50) NOT NULL,

[complexity\_factor] [decimal](3, 1) NOT NULL,

PRIMARY KEY CLUSTERED

(

[type\_name] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[services] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[services](

[service\_code] [nvarchar](20) NOT NULL,

[service\_name] [nvarchar](255) NOT NULL,

[service\_type] [nvarchar](50) NOT NULL,

[min\_partner\_price] [decimal](10, 2) NOT NULL,

PRIMARY KEY CLUSTERED

(

[service\_code] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY],

UNIQUE NONCLUSTERED

(

[service\_name] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[users] Script Date: 25.09.2025 12:17:19 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[users](

[user\_id] [int] IDENTITY(1,1) NOT NULL,

[login] [nvarchar](255) NOT NULL,

[password] [nvarchar](256) NOT NULL,

[partner\_id] [int] NULL,

[created\_at] [datetime2](7) NULL,

PRIMARY KEY CLUSTERED

(

[user\_id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY],

UNIQUE NONCLUSTERED

(

[login] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[users] ADD DEFAULT (sysdatetime()) FOR [created\_at]

GO

ALTER TABLE [dbo].[partner\_service\_facts] WITH CHECK ADD FOREIGN KEY([partner\_id])

REFERENCES [dbo].[partners] ([partner\_id])

ON DELETE CASCADE

GO

ALTER TABLE [dbo].[partner\_service\_facts] WITH CHECK ADD FOREIGN KEY([service\_code])

REFERENCES [dbo].[services] ([service\_code])

GO

ALTER TABLE [dbo].[service\_materials] WITH CHECK ADD FOREIGN KEY([material\_id])

REFERENCES [dbo].[materials] ([material\_id])

ON DELETE CASCADE

GO

ALTER TABLE [dbo].[service\_materials] WITH CHECK ADD FOREIGN KEY([service\_code])

REFERENCES [dbo].[services] ([service\_code])

ON DELETE CASCADE

GO

ALTER TABLE [dbo].[services] WITH CHECK ADD FOREIGN KEY([service\_type])

REFERENCES [dbo].[service\_types] ([type\_name])

GO

ALTER TABLE [dbo].[users] WITH CHECK ADD CONSTRAINT [FK\_users\_partner\_id] FOREIGN KEY([partner\_id])

REFERENCES [dbo].[partners] ([partner\_id])

ON DELETE SET NULL

GO

ALTER TABLE [dbo].[users] CHECK CONSTRAINT [FK\_users\_partner\_id]

GO

ALTER TABLE [dbo].[partner\_service\_facts] WITH CHECK ADD CHECK (([quantity]>(0)))

GO

ALTER TABLE [dbo].[partners] WITH CHECK ADD CHECK (([rating]>=(0) AND [rating]<=(10)))

GO

ALTER TABLE [dbo].[service\_materials] WITH CHECK ADD CHECK (([quantity\_per\_unit]>(0)))

GO

USE [master]

GO

ALTER DATABASE [Матвеев\_ПДЭ\_419/5] SET READ\_WRITE

GO