

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

(

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        [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,

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        [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
(

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        [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
(

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        [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