USE [master]

GO

/\*\*\*\*\*\* Object: Database [Cronos\_Frontier] Script Date: 10/8/2018 2:54:59 PM \*\*\*\*\*\*/

CREATE DATABASE [Cronos\_Frontier]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'Cronos\_Frontier', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\DATA\Cronos\_Frontier.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB )

LOG ON

( NAME = N'Cronos\_Frontier\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER\MSSQL\DATA\Cronos\_Frontier\_log.ldf' , SIZE = 8192KB , MAXSIZE = 2048GB , FILEGROWTH = 65536KB )

GO

ALTER DATABASE [Cronos\_Frontier] SET COMPATIBILITY\_LEVEL = 140

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [Cronos\_Frontier].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [Cronos\_Frontier] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET ARITHABORT OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [Cronos\_Frontier] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [Cronos\_Frontier] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET DISABLE\_BROKER

GO

ALTER DATABASE [Cronos\_Frontier] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [Cronos\_Frontier] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET RECOVERY FULL

GO

ALTER DATABASE [Cronos\_Frontier] SET MULTI\_USER

GO

ALTER DATABASE [Cronos\_Frontier] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [Cronos\_Frontier] SET DB\_CHAINING OFF

GO

ALTER DATABASE [Cronos\_Frontier] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [Cronos\_Frontier] SET TARGET\_RECOVERY\_TIME = 60 SECONDS

GO

ALTER DATABASE [Cronos\_Frontier] SET DELAYED\_DURABILITY = DISABLED

GO

EXEC sys.sp\_db\_vardecimal\_storage\_format N'Cronos\_Frontier', N'ON'

GO

ALTER DATABASE [Cronos\_Frontier] SET QUERY\_STORE = OFF

GO

USE [Cronos\_Frontier]

GO

ALTER DATABASE SCOPED CONFIGURATION SET IDENTITY\_CACHE = ON;

GO

ALTER DATABASE SCOPED CONFIGURATION SET LEGACY\_CARDINALITY\_ESTIMATION = OFF;

GO

ALTER DATABASE SCOPED CONFIGURATION FOR SECONDARY SET LEGACY\_CARDINALITY\_ESTIMATION = PRIMARY;

GO

ALTER DATABASE SCOPED CONFIGURATION SET MAXDOP = 0;

GO

ALTER DATABASE SCOPED CONFIGURATION FOR SECONDARY SET MAXDOP = PRIMARY;

GO

ALTER DATABASE SCOPED CONFIGURATION SET PARAMETER\_SNIFFING = ON;

GO

ALTER DATABASE SCOPED CONFIGURATION FOR SECONDARY SET PARAMETER\_SNIFFING = PRIMARY;

GO

ALTER DATABASE SCOPED CONFIGURATION SET QUERY\_OPTIMIZER\_HOTFIXES = OFF;

GO

ALTER DATABASE SCOPED CONFIGURATION FOR SECONDARY SET QUERY\_OPTIMIZER\_HOTFIXES = PRIMARY;

GO

USE [Cronos\_Frontier]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Autonomous\_Operators] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Autonomous\_Operators](

[AutoOpID] [varchar](15) NOT NULL,

[CodeName] [varchar](20) NOT NULL,

[JobCode] [varchar](10) NOT NULL,

[Role] [varchar](50) NULL,

CONSTRAINT [PK\_Autonomous\_Operators] PRIMARY KEY CLUSTERED

(

[AutoOpID] 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].[CFProjects] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[CFProjects](

[ProjectID] [varchar](30) NOT NULL,

[FacilityID] [varchar](10) NOT NULL,

[StartDate] [date] NOT NULL,

CONSTRAINT [PK\_\_CFProjects] PRIMARY KEY CLUSTERED

(

[ProjectID] 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].[Employees] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Employees](

[EmployeeID] [varchar](10) NOT NULL,

[JobCode] [varchar](10) NOT NULL,

[FirstName] [varchar](25) NULL,

[LastName] [varchar](25) NULL,

[Title] [varchar](20) NULL,

CONSTRAINT [PK\_Employees] PRIMARY KEY CLUSTERED

(

[EmployeeID] 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].[Facilities] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Facilities](

[FacilityID] [varchar](10) NOT NULL,

[FacilityName] [varchar](50) NOT NULL,

[FacilityLocation] [varchar](15) NOT NULL,

CONSTRAINT [PK\_\_FacilityID] PRIMARY KEY CLUSTERED

(

[FacilityID] 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].[JobCode] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[JobCode](

[JobCode] [varchar](10) NOT NULL,

[JobDescription] [varchar](30) NULL,

CONSTRAINT [PK\_JobCode] PRIMARY KEY CLUSTERED

(

[JobCode] 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].[Operator\_Assignment] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Operator\_Assignment](

[FacilityID] [varchar](10) NOT NULL,

[AutoOpID] [varchar](15) NOT NULL,

[Quantity] [int] NOT NULL,

CONSTRAINT [PK\_Operator\_Assignment] PRIMARY KEY CLUSTERED

(

[AutoOpID] ASC,

[FacilityID] 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].[Project\_Assignment] Script Date: 10/8/2018 2:55:00 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Project\_Assignment](

[ProjectID] [varchar](30) NOT NULL,

[EmployeeID] [varchar](10) NOT NULL,

CONSTRAINT [PK\_Project\_Assignment] PRIMARY KEY CLUSTERED

(

[ProjectID] ASC,

[EmployeeID] 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].[Autonomous\_Operators] WITH CHECK ADD CONSTRAINT [FK\_JobCode] FOREIGN KEY([JobCode])

REFERENCES [dbo].[JobCode] ([JobCode])

GO

ALTER TABLE [dbo].[Autonomous\_Operators] CHECK CONSTRAINT [FK\_JobCode]

GO

ALTER TABLE [dbo].[CFProjects] WITH CHECK ADD CONSTRAINT [FK\_Facilities] FOREIGN KEY([FacilityID])

REFERENCES [dbo].[Facilities] ([FacilityID])

GO

ALTER TABLE [dbo].[CFProjects] CHECK CONSTRAINT [FK\_Facilities]

GO

ALTER TABLE [dbo].[Employees] WITH CHECK ADD CONSTRAINT [FK\_Employees\_JobCode] FOREIGN KEY([JobCode])

REFERENCES [dbo].[JobCode] ([JobCode])

GO

ALTER TABLE [dbo].[Employees] CHECK CONSTRAINT [FK\_Employees\_JobCode]

GO

ALTER TABLE [dbo].[Operator\_Assignment] WITH CHECK ADD CONSTRAINT [FK\_AutoOpID] FOREIGN KEY([AutoOpID])

REFERENCES [dbo].[Autonomous\_Operators] ([AutoOpID])

GO

ALTER TABLE [dbo].[Operator\_Assignment] CHECK CONSTRAINT [FK\_AutoOpID]

GO

ALTER TABLE [dbo].[Operator\_Assignment] WITH CHECK ADD CONSTRAINT [FK\_Operator\_Assignment\_Facilities] FOREIGN KEY([FacilityID])

REFERENCES [dbo].[Facilities] ([FacilityID])

GO

ALTER TABLE [dbo].[Operator\_Assignment] CHECK CONSTRAINT [FK\_Operator\_Assignment\_Facilities]

GO

ALTER TABLE [dbo].[Project\_Assignment] WITH CHECK ADD CONSTRAINT [FK\_Project\_Assignment\_EmployeeID] FOREIGN KEY([EmployeeID])

REFERENCES [dbo].[Employees] ([EmployeeID])

GO

ALTER TABLE [dbo].[Project\_Assignment] CHECK CONSTRAINT [FK\_Project\_Assignment\_EmployeeID]

GO

ALTER TABLE [dbo].[Project\_Assignment] WITH CHECK ADD CONSTRAINT [FK\_Project\_ID] FOREIGN KEY([ProjectID])

REFERENCES [dbo].[CFProjects] ([ProjectID])

GO

ALTER TABLE [dbo].[Project\_Assignment] CHECK CONSTRAINT [FK\_Project\_ID]

GO

USE [master]

GO

ALTER DATABASE [Cronos\_Frontier] SET READ\_WRITE

GO