SetupSQL.bat batch file

This file will call 3 SQL script files to

1. Create VitalSigns database
2. Insert data to VitalSigns database
3. Create VSS\_Statistics database

# SetupSQL batch file Parameters

1. MSSQLDataFilePath

Physical path of the MSSQL Data folder, where the database data files will be created

1. ServerName

Name of the MSSQL Server where it is installed.

1. VitalSignsDBCreationPath  
   Full path of the SQL script to create VitalSigns database.
2. VitalSignsDataPath

Full path of the SQL script to insert data into VitalSigns database.

1. VSSDBCreationPath

Full path of the SQL script to create VSS\_Statistics database.

Note: All parameters should be enclosed in double quotes as given in usage. This will help to overcome space issue, if any in the folder/file names.

# Usage

**SetupSQL "MSSQLDataFilePath" "ServerName" "VitalSignsDBCreationPath" "VitalSignsDataPath" "VSSDBCreationPath"**

e.g.

SetupSQL "C:\Program Files\Microsoft SQL Server\MSSQL10\_50.MyServer\MSSQL\DATA" "MyServer\Server0" "C:\SQLScripts\VitalSigns.sql" "C:\SQLScripts \VitalSignsData.sql" "C:\SQLScripts\VSS\_Statistics.sql"

# Database SQL Script changes

The batch file calls sqlcmd utility, which passes the **MSSQL Data File Path**, as a parameter to the sql file which creates database at the given location, as given below. **$(dbpath)** in the sql file will get replaced by the **MSSQL Data File Path** parameter.

The sql file will have the below statement to create database. The path is highlighted.

CREATE DATABASE [vitalsigns] ON PRIMARY

( NAME = N'VitalSigns', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQL2008\MSSQL\DATA\vitalsigns.mdf' , SIZE = 13568KB , MAXSIZE = UNLIMITED, FILEGROWTH = 1024KB )

LOG ON

( NAME = N'VitalSigns\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQL2008\MSSQL\DATA\vitalsigns\_log.ldf' , SIZE = 39936KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

GO

**Instead of the above change the highlighted path to $(dbpath) as below**

CREATE DATABASE [vitalsigns] ON PRIMARY

( NAME = N'vitalsigns', FILENAME = N'$(dbpath)\vitalsigns.mdf' , SIZE = 13568KB , MAXSIZE = UNLIMITED, FILEGROWTH = 1024KB )

LOG ON

( NAME = N'vitalsigns\_log', FILENAME = N'$(dbpath)\vitalsigns\_log.ldf' , SIZE = 39936KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

GO ---x---