Database Schema

# Guide to the Files

One of the root folders in the project zip is db. Underneath this folder you will find the final creation script (MSSQL\_Schema.sql, also repeated below), an early port of the schema to MySql (MySql\_Schem.sql) as well as a full MS Sql 2008 database backup file (SimpleStore.bak).

# Schema Goals

The goals for the database schema were relatively straightforward: provide the necessary backend infrastructure to support the requirements. While working on the project further, I added two other goals:

1. **Normalize the database to at least third normal form**  
   3NF is a good balance between an intuitive and performant design, while still avoiding the pitfalls of duplicated data or unrelated data cluttering tables.
2. **Avoid platform-specific functionality**If I were to eventually make use of Amazon Web Service’s cloud-based database, I would need to be able to port the database to MySql, as the Amazon cloud DB is essentially a modified build of MySql. As a proof of concept, I ran an early build of my database design through a MSSQL to MySql converter and tried it out. Aside from syntactic changes in default constraints, the schema converted cleanly across; moving to MySql would be relatively painless.

I’m quite pleased with the final schema. The idea of normalizing out the Html content from their respective locations (page, product, etc.) and placing it in its own table really cleaned up the design. The entity relationship diagram is included below, and there is a larger version included on the project website.

# Schema.pngEntity Relationship Diagram

# Creation Script

USE [SimpleStore]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Html] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Html](

[HtmlId] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](512) NOT NULL,

[Html] [varchar](max) NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Html] PRIMARY KEY CLUSTERED

(

[HtmlId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Image] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Image](

[ImageId] [int] IDENTITY(1,1) NOT NULL,

[AltText] [varchar](1024) NOT NULL,

[ImagePath] [varchar](1024) NOT NULL,

[Height] [int] NOT NULL,

[Width] [int] NOT NULL,

[Size] [int] NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Image] PRIMARY KEY CLUSTERED

(

[ImageId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Seller] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Seller](

[SellerId] [int] IDENTITY(1,1) NOT NULL,

[Email] [varchar](512) NOT NULL,

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

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Seller] PRIMARY KEY CLUSTERED

(

[SellerId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[ProductStatus] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[ProductStatus](

[ProductStatusId] [int] IDENTITY(1,1) NOT NULL,

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

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_ProductStatus] PRIMARY KEY CLUSTERED

(

[ProductStatusId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[Product] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Product](

[ProductId] [int] IDENTITY(1,1) NOT NULL,

[SiteId] [int] NOT NULL,

[ProductStatusId] [int] NOT NULL,

[Title] [varchar](1024) NOT NULL,

[ShortDesc] [varchar](max) NOT NULL,

[FullDescHtmlId] [int] NULL,

[Popularity] [int] NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Product] PRIMARY KEY CLUSTERED

(

[ProductId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[HtmlImage] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[HtmlImage](

[HtmlId] [int] NOT NULL,

[ImageId] [int] NOT NULL,

CONSTRAINT [PK\_HtmlImage] PRIMARY KEY CLUSTERED

(

[HtmlId] ASC,

[ImageId] 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].[Page] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Page](

[PageId] [int] IDENTITY(1,1) NOT NULL,

[SiteId] [int] NOT NULL,

[Name] [varchar](512) NOT NULL,

[Title] [varchar](1024) NOT NULL,

[HtmlId] [int] NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Page] PRIMARY KEY CLUSTERED

(

[PageId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[NewsArticle] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[NewsArticle](

[NewsArticleId] [int] IDENTITY(1,1) NOT NULL,

[SiteId] [int] NOT NULL,

[Title] [varchar](1024) NOT NULL,

[Abstract] [varchar](max) NOT NULL,

[ArticleHtmlId] [int] NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_NewsArticle] PRIMARY KEY CLUSTERED

(

[NewsArticleId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[SiteNav] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[SiteNav](

[SiteId] [int] NOT NULL,

[PageId] [int] NOT NULL,

[Seq] [int] NOT NULL,

CONSTRAINT [PK\_SiteNav] PRIMARY KEY CLUSTERED

(

[SiteId] ASC,

[PageId] 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].[Category] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Category](

[CategoryId] [int] IDENTITY(1,1) NOT NULL,

[SiteId] [int] NOT NULL,

[ParentId] [int] NULL,

[Name] [varchar](1024) NOT NULL,

[Seq] [int] NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Category] PRIMARY KEY CLUSTERED

(

[CategoryId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[ProductCategory] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ProductCategory](

[ProductId] [int] NOT NULL,

[CategoryId] [int] NOT NULL,

CONSTRAINT [PK\_ProductCategory] PRIMARY KEY CLUSTERED

(

[ProductId] ASC,

[CategoryId] 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].[ProductImage] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ProductImage](

[ProductId] [int] NOT NULL,

[ImageId] [int] NOT NULL,

[IsPrimary] [bit] NOT NULL,

CONSTRAINT [PK\_ProductImage] PRIMARY KEY CLUSTERED

(

[ProductId] ASC,

[ImageId] 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].[Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[Site](

[SiteId] [int] IDENTITY(1,1) NOT NULL,

[Name] [varchar](512) NOT NULL,

[SellerId] [int] NOT NULL,

[LogoImageId] [int] NULL,

[Tagline] [varchar](1024) NOT NULL,

[Created] [datetime] NOT NULL,

CONSTRAINT [PK\_Site] PRIMARY KEY CLUSTERED

(

[SiteId] 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

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Default [DF\_Html\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Html] ADD CONSTRAINT [DF\_Html\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_Image\_AltText] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Image] ADD CONSTRAINT [DF\_Image\_AltText] DEFAULT ('') FOR [AltText]

GO

/\*\*\*\*\*\* Object: Default [DF\_ProductImage\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Image] ADD CONSTRAINT [DF\_ProductImage\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_Seller\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Seller] ADD CONSTRAINT [DF\_Seller\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_ProductStatus\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductStatus] ADD CONSTRAINT [DF\_ProductStatus\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_Product\_ShortDescription] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] ADD CONSTRAINT [DF\_Product\_ShortDescription] DEFAULT ('') FOR [ShortDesc]

GO

/\*\*\*\*\*\* Object: Default [DF\_Product\_Popularity] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] ADD CONSTRAINT [DF\_Product\_Popularity] DEFAULT ((0)) FOR [Popularity]

GO

/\*\*\*\*\*\* Object: Default [DF\_Product\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] ADD CONSTRAINT [DF\_Product\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_Page\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Page] ADD CONSTRAINT [DF\_Page\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_NewsArticle\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[NewsArticle] ADD CONSTRAINT [DF\_NewsArticle\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_Category\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Category] ADD CONSTRAINT [DF\_Category\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: Default [DF\_ProductImage\_IsPrimary] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductImage] ADD CONSTRAINT [DF\_ProductImage\_IsPrimary] DEFAULT ((0)) FOR [IsPrimary]

GO

/\*\*\*\*\*\* Object: Default [DF\_Site\_Tagline] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Site] ADD CONSTRAINT [DF\_Site\_Tagline] DEFAULT ('') FOR [Tagline]

GO

/\*\*\*\*\*\* Object: Default [DF\_Site\_Created] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Site] ADD CONSTRAINT [DF\_Site\_Created] DEFAULT (getdate()) FOR [Created]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Product\_Html] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] WITH CHECK ADD CONSTRAINT [FK\_Product\_Html] FOREIGN KEY([FullDescHtmlId])

REFERENCES [dbo].[Html] ([HtmlId])

GO

ALTER TABLE [dbo].[Product] CHECK CONSTRAINT [FK\_Product\_Html]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Product\_ProductStatus] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] WITH CHECK ADD CONSTRAINT [FK\_Product\_ProductStatus] FOREIGN KEY([ProductStatusId])

REFERENCES [dbo].[ProductStatus] ([ProductStatusId])

GO

ALTER TABLE [dbo].[Product] CHECK CONSTRAINT [FK\_Product\_ProductStatus]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Product\_Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Product] WITH CHECK ADD CONSTRAINT [FK\_Product\_Site] FOREIGN KEY([SiteId])

REFERENCES [dbo].[Site] ([SiteId])

GO

ALTER TABLE [dbo].[Product] CHECK CONSTRAINT [FK\_Product\_Site]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_HtmlImage\_Html] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[HtmlImage] WITH CHECK ADD CONSTRAINT [FK\_HtmlImage\_Html] FOREIGN KEY([HtmlId])

REFERENCES [dbo].[Html] ([HtmlId])

GO

ALTER TABLE [dbo].[HtmlImage] CHECK CONSTRAINT [FK\_HtmlImage\_Html]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_HtmlImage\_Image] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[HtmlImage] WITH CHECK ADD CONSTRAINT [FK\_HtmlImage\_Image] FOREIGN KEY([ImageId])

REFERENCES [dbo].[Image] ([ImageId])

GO

ALTER TABLE [dbo].[HtmlImage] CHECK CONSTRAINT [FK\_HtmlImage\_Image]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Page\_Html] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Page] WITH CHECK ADD CONSTRAINT [FK\_Page\_Html] FOREIGN KEY([HtmlId])

REFERENCES [dbo].[Html] ([HtmlId])

GO

ALTER TABLE [dbo].[Page] CHECK CONSTRAINT [FK\_Page\_Html]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Page\_Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Page] WITH CHECK ADD CONSTRAINT [FK\_Page\_Site] FOREIGN KEY([SiteId])

REFERENCES [dbo].[Site] ([SiteId])

GO

ALTER TABLE [dbo].[Page] CHECK CONSTRAINT [FK\_Page\_Site]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_NewsArticle\_Html] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[NewsArticle] WITH CHECK ADD CONSTRAINT [FK\_NewsArticle\_Html] FOREIGN KEY([ArticleHtmlId])

REFERENCES [dbo].[Html] ([HtmlId])

GO

ALTER TABLE [dbo].[NewsArticle] CHECK CONSTRAINT [FK\_NewsArticle\_Html]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_NewsArticle\_Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[NewsArticle] WITH CHECK ADD CONSTRAINT [FK\_NewsArticle\_Site] FOREIGN KEY([SiteId])

REFERENCES [dbo].[Site] ([SiteId])

GO

ALTER TABLE [dbo].[NewsArticle] CHECK CONSTRAINT [FK\_NewsArticle\_Site]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_SiteNav\_Page] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[SiteNav] WITH CHECK ADD CONSTRAINT [FK\_SiteNav\_Page] FOREIGN KEY([PageId])

REFERENCES [dbo].[Page] ([PageId])

GO

ALTER TABLE [dbo].[SiteNav] CHECK CONSTRAINT [FK\_SiteNav\_Page]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_SiteNav\_Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[SiteNav] WITH CHECK ADD CONSTRAINT [FK\_SiteNav\_Site] FOREIGN KEY([SiteId])

REFERENCES [dbo].[Site] ([SiteId])

GO

ALTER TABLE [dbo].[SiteNav] CHECK CONSTRAINT [FK\_SiteNav\_Site]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Category\_Category] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Category] WITH CHECK ADD CONSTRAINT [FK\_Category\_Category] FOREIGN KEY([ParentId])

REFERENCES [dbo].[Category] ([CategoryId])

GO

ALTER TABLE [dbo].[Category] CHECK CONSTRAINT [FK\_Category\_Category]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Category\_Site] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Category] WITH CHECK ADD CONSTRAINT [FK\_Category\_Site] FOREIGN KEY([SiteId])

REFERENCES [dbo].[Site] ([SiteId])

GO

ALTER TABLE [dbo].[Category] CHECK CONSTRAINT [FK\_Category\_Site]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_ProductCategory\_Category] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductCategory] WITH CHECK ADD CONSTRAINT [FK\_ProductCategory\_Category] FOREIGN KEY([CategoryId])

REFERENCES [dbo].[Category] ([CategoryId])

GO

ALTER TABLE [dbo].[ProductCategory] CHECK CONSTRAINT [FK\_ProductCategory\_Category]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_ProductCategory\_Product] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductCategory] WITH CHECK ADD CONSTRAINT [FK\_ProductCategory\_Product] FOREIGN KEY([ProductId])

REFERENCES [dbo].[Product] ([ProductId])

GO

ALTER TABLE [dbo].[ProductCategory] CHECK CONSTRAINT [FK\_ProductCategory\_Product]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_ProductImage\_Image] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductImage] WITH CHECK ADD CONSTRAINT [FK\_ProductImage\_Image] FOREIGN KEY([ImageId])

REFERENCES [dbo].[Image] ([ImageId])

GO

ALTER TABLE [dbo].[ProductImage] CHECK CONSTRAINT [FK\_ProductImage\_Image]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_ProductImage\_Product] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[ProductImage] WITH CHECK ADD CONSTRAINT [FK\_ProductImage\_Product] FOREIGN KEY([ProductId])

REFERENCES [dbo].[Product] ([ProductId])

GO

ALTER TABLE [dbo].[ProductImage] CHECK CONSTRAINT [FK\_ProductImage\_Product]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Site\_Image] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Site] WITH CHECK ADD CONSTRAINT [FK\_Site\_Image] FOREIGN KEY([LogoImageId])

REFERENCES [dbo].[Image] ([ImageId])

GO

ALTER TABLE [dbo].[Site] CHECK CONSTRAINT [FK\_Site\_Image]

GO

/\*\*\*\*\*\* Object: ForeignKey [FK\_Site\_Seller] Script Date: 07/01/2010 20:56:53 \*\*\*\*\*\*/

ALTER TABLE [dbo].[Site] WITH CHECK ADD CONSTRAINT [FK\_Site\_Seller] FOREIGN KEY([SellerId])

REFERENCES [dbo].[Seller] ([SellerId])

GO

ALTER TABLE [dbo].[Site] CHECK CONSTRAINT [FK\_Site\_Seller]

GO