

A Great Cloud of Witnesses: Database Design

Anthems Table				
Anthems	Primary Key	Data Type	Nulls Allowed	Auto Increment
AnthemID	yes	int	FALSE	TRUE
Title		varchar(100)	FALSE	
ComposerID	FK	int	FALSE	
SeasonID	FK	int	TRUE	
VoicingID	FK	int	TRUE	
PublisherID	FK	int	TRUE	
Instrument		varchar(50)	TRUE	
Solos		varchar(50)	TRUE	
TextID	FK	int	TRUE	
ScoreLink		varchar(100)	TRUE	
Difficulty		varchar(10)	TRUE	
Length		varchar(20)	TRUE	
RecordingLink		varchar(100)	TRUE	
Notes		varchar(150)	TRUE	

Season Table				
Season	Primary Key	Data Type	Nulls Allowed	Auto Increment
SeasonID	yes	int	FALSE	TRUE
LiturgicalSeason		varchar(30)		
Voicing Table				
Voicing Table	Primary Key	Data Type	Nulls Allowed	Auto Increment
VoicingID	yes	int	FALSE	TRUE
Voicing		varchar(30)	TRUE	
Composer Table				
Composers	Primary Key	Data Type	Nulls Allowed	Auto Increment
ComposerID	yes	int	FALSE	TRUE
FirstName		varchar(30)	TRUE	
LastName		varchar(30)	FALSE	
DateBirth		int	TRUE	
DateDeath		int	TRUE	
Country		varchar(30)	TRUE	
Gender		varchar(20)	TRUE	
Race		varchar(20)	TRUE	
Website		varchar(100)	TRUE	
Publisher Table				
Publishers	Primary Key	Data Type	Nulls Allowed	Auto Increment
PublisherID	yes	int	FALSE	TRUE
PublisherName		varchar(50)	FALSE	
Website		varchar(100)	TRUE	
Text Table				
Texts	Primary Key	Data Type	Nulls Allowed	Auto Increment
TextID	yes	int	FALSE	TRUE
TextWriter		varchar(50)	TRUE	
Website		varchar(100)	TRUE	