Diagram Documentation

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image

Image table containing the image file names & folder

Field	Description	Type	Default	Other
imageId		int		PK, IDENTITY
imageFileName		varchar(100)		
imageFolderName		varchar(50)		

user

User table containing user details

Field	Description	Type	Default	Other
userId		int		PK, IDENTITY
firstName		varchar(50)		NULLABLE
lastName		varchar(50)		
isAdmin	an Admin boolean to differentiate regular users from users with admin privileges. Admin users attain actions such as approving blog posts and creating new user profiles.	boolean		
profilePic	profilePic defaults to 1	int	1	FK, NULLABLE

userAuth

This table stores the authentication validation of users

Field	Description	Type	Default	Other
userId		int		PK, FK
emailAddress		varchar(50)		
password		varchar(50)		

tag

Tag table containing different tag names

Field	Description	Type	Default	Other
tagId		int		PK, IDENTITY
tagName		varchar(20)		

Field	Description	Type	Default	Other
tagColor	a hex color code has 6 digits preceded by	char(7)	#ffffff	NULLABLE

blog

the main table of the application

Field	Description	Type	Default	Other
blogId		int		PK, IDENTITY
title		tinytext		
description		text		
dateCreated		date		
expirationDate	Not every blog will expire. In the future, keeping a seperate table for a smaller portion of the blogs will increase db optimization and reduce the occurances of nullable values.	date		NULLABLE
isApproved	any new post created will need to be approved by the admin first if created by admin set to true automatically	boolean	0	NULLABLE

blogUser

this table contains the relationship between blog posts and authors.

Field	Description	Type	Default	Other
blogId		int		PK, FK
userId		int		PK, FK

page

this table stores all static pages created by admin. The name of the page acts as a url address & primary key because there cannot be multiple pages pointing to the same URL addres

Field	Description	Type	Default	Other
pageName		varchar(20)		PK
title		tinytext		
description	description will consist of rich edited text and can potentially become very large in size.	mediumtext		NULLABLE

blogTag

this table holds all tags associated with a blog. A blog can have multiple tags. A tag can be associated with multiple blogs

Field	Description	Type	Default	Other
blogId		int		PK, FK
tagId		int		PK, FK

blogImage

this table holds all images associated with a blog. A blog can have multiple images. If the images are on a shared repository, then an image can be part of multiple blogs.

Field	Description	Type	Default	Other
blogId		int		PK, FK
imageId		int		PK, FK