KGEO Database Table Specification

Summary

This document provides KGEO database table specification.

Revision history

Version	By	Changes/comments	Date
Draft 1	Thananan	Created	30/07/2013
Draft 2	Thananan	Edited based on our meeting 31/07/2013	31/07/2013

1. Introduction

Table template

Column	Data type	Description	Possible values

NOTE: # is an optional field

2. Main Data Store

2.1 General information

NEWS: Information about each news or event

Column	Data type	Description	Possible values
NewsId	autoint	News Id	
HeadlineId	int	Headline Id refer to title of news	FK CONTENTTEXT.CntId
PicId#	int	Picture Id	- FK PICTURE.PicId - If the record has null value, then the picture would been hidden from display
PubDate	date	Published date of news	
ContentId	int	Content Id refer to content of news	FK CONTENTTEXT.CntId

PROJECT: Information about each project

Column	Data type	Description	Possible values
ProjectId	autoint	Project Id	
TitleId	int	Title Id refer to name of project	FK CONTENTTEXT.CntId
TypeId	int	Type Id refer to project type of project	FK CONTENTTEXT.CntId
ClientId	int	Client Id refer to client name of project	FK CONTENTTEXT.CntId

PicId#	int	Picture Id refer to picture of project	- FK PICTURE.PicId - If the record has null value, then the picture would been hidden from display
DescriptionId	int	Description Id refer to description of the project	FK CONTENTTEXT.CntId

Publication: Information about each article

Column	Data type	Description	Possible values
PublicationId	autoint	Publication Id	
Title	vchar-300	Title of the article	Content be in native language of publication
Author	vchar-300	Name of author(s)	- Content be in native language of publication - list of authors separated by ','
TypeId	int	Type Id refer to type of article	FK MSGTEXT.MsgId
Publish	vchar-300	Publisher of the article	Content be in native language of publication
Year#	int	Published Year	A.D. Year
AbstractId	int	Abstract	FK CONTENTTEXT.CntId
SourceId#	int	Source Id	FK SOURCE.SourceId

EDUCATION: Information about each course

Column	Data type	Description	Possible values
CourseId	autoint	Course Id	
TitleId	int	Title Id refer to name of course	FK CONTENTTEXT.CntId
InstructorId	int	Instructor Id refer to list of instructor	FK CONTENTTEXT.CntId
DepartmentId#	int	Department Id refer to department	FK CONTENTTEXT.CntId
TermId#	int	Term Id refer to course term	FK CONTENTTEXT.CntId
LevelId	Int[]	Level Id refer to student level	- FK MSGTEXT.MsgId - Multiple values can be selected
DescriptionId	int	Description Id refer to course description	FK CONTENTTEXT.CntId
SourceId#	int	Source Id refer to URL path of course detail	FK SOURCE.SourceId

PRODUCT: Information about each product

Column	Data type	Description	Possible values
ProductId	autoint	ProductId	
NameId	int	Name Id refer to name of product	FK CONTENTTEXT.CntId
DescriptionId#	int	Description Id refer to product description	FK CONTENTTEXT.CntId
PicId#	int	Picture Id	- FK PICTURE.PicId - If the record has null value, then the picture would been hidden from display

COLLABORATOR: Information about each collaborator

Column	Data type	Description	Possible values
CollaboratorId	autoint	Collaborator Id	
NameId	int	Name Id refer to name of collaborator	FK CONTENTTEXT.CntId
Type	char-1	Type of collaboration	'c' – client 'p' – partner
PicId	int	Picture Id refer to logo picture	- FK PICTURE.PicId - If the record has null value, then the picture would been shown by default picture
Website#	vchar-300	Website URL	

STAFF: Information about kGeo people

Column	Data type	Description	Possible values
PersonId	autoint	Person Id	
NameId	int	Name Id refet to staff's full name	FK CONTENTTEXT.CntId
PositionId	int	Position Id refer to staff's position	FK CONTENTTEXT.CntId
ProfileId	int	Profile Id refer to brief biography	FK CONTENTTEXT.CntId
Email	vchar-50	Email address	
PicId	int	Picture Id refer to profile picture	- FK PICTURE.PicId - If the record has null value, then the picture would been shown by default picture

CONTENTEXT: Information about variant string part of changing content

Column	Data type	Description	Possible values
CntId	autoint	Content Id	
Lang	char-2	Display Langugage	'en' – english 'th' – thai
TextMsg	text	Input message	

3. Content Data

3.1 Form information

INPUTFORM: Information about each form

The content in this table is static and editable by system analyst only

Column	Data type	Description	Possible values
FormType	int	Form No.	
Name	vchar-50	Form name	
FieldIds	Int []	Array of field Ids in each form	

INPUTFEILD: Information about input field

The content in this table is static and editable by system analyst only

Column	Data type	Description	Possible values
FieldId	int	Field Id	
Label	vchar-50	Label of each input form	
DataType	vchar-50	Type of input form	
Maxlength	int	Maximum length of input	
Order	int	Display order on website layout	

MSGTEXT: Information about fixed string part of website page layout

The content in this table is static and editable by system analyst only

Column	Data type	Description	Possible values
MsgId	autoint	Message Id	
Lang	char-2	Display Langugage	'en' – english 'th' – thai
TextMsg	text	Text message	

4. Supporting Data

PICTURE: Information about each picture property

Column	Data type	Description	Possible values
PicId	autoint	Picture Id	
Name	vchar-50	File Name	
Location	vchar-200	Path of picture on the server site	

SOURCE: Information about each source property

Column	Data type	Description	Possible values
SourceId	autoint	Source Id	
Name	vchar-50	File Name	
Location	vchar-20	Path file on the server site	

4.1 User information

USER: Information about each user

Column	Data type	Description	Possible values
UserId	autosmllint	User Id	
Email	vchar-20	Email address	- Username for registered user

			- Address for sending subscribed information
Password	char-32	MD5 hash of password	Password for registered user
Name#	vchar-100	Full Name	
OrgTypeId	int	OrgType Id refer to organization type	FK MSGTEXT.MsgId
Active	char-1	If the user remains active in the system	'y'- active user, can perform assigned task 'n'- inactive user, cannot do any task