

q

Likelist@SC-C236-PC02

Data Dictionary

22.01.2021
























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Legend

-  Primary key
-  Primary key disabled
-  User-defined primary key
-  Unique key
-  Unique key disabled
-  User-defined unique key
-  Active trigger
-  Disabled trigger
-  Many to one relation
-  User-defined many to one relation
-  One to many relation
-  User-defined one to many relation
-  Many to many relation
-  User-defined many to many relation
-  One to one relation
-  User-defined one to one relation
-  Input
-  Output
-  Input/Output
-  Uses dependency
-  User-defined uses dependency
-  Used by dependency
-  User-defined used by dependency

1. Tables

1.1. Table: Discussions


Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(45)	
		creation_date	date	
		Groups_id	int	References: Groups

Links to

	Table	Join	Title / Name / Description
	Groups	Discussions Groups_id = Groupsid	FK_Discussions_Groups



Linked from

	Table	Join	Title / Name / Description
	Messages	Discussions id = MessagesDiscussions_id	FK_Messages_Discussions

Unique keys

		Name / Description
	id	PK_Discussi__3213E83F22FD5F31

Uses

	Name
	Discussions
	Groups




Used By

	Name
	Discussions
	Messages


1.2. Table: Genres

types de contenu

Columns





		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(45)	

Unique keys


		Name / Description
	id	PK__Genres__3213E83F09E9EF2A

1.3. Table: Genres_has_Works

Columns







		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Works_id	int	
		Genres_id	int	

Unique keys

		Name / Description
	id	PK__Genres_h__3213E83FA2D210A1

1.4. Table: Groups


Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		image	varchar(45)	Nullable
		title	varchar(45)	
		description	varchar(45)	Nullable
		creation_date	date	


Linked from

	Table	Join	Title / Name / Description
→	Discussions	Groups id = DiscussionsGroups_id	FK_Discussions_Groups
→	Groups_has_Users	Groups id = Groups_has_UsersGroups_id	FK_Groups_has_Users_Groups

Unique keys





		Name / Description
	id	PK__Groups__3213E83F7581E998

Used By



	Name
	Groups
→	Discussions
→	Groups_has_Users

1.5. Table: Groups_has_Users


Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Groups_id	int	References: Groups
		Users_id	int	References: Users




Links to

	Table	Join	Title / Name / Description
	Groups	Groups_has_Users Groups_id = Groupsid	FK_Groups_has_Users_Groups
	Users	Groups_has_Users Users_id = Usersid	FK_Groups_has_Users_Users

Unique keys

		Name / Description
	id	PK__Groups_h_3213E83FE3681207




Uses

	Name
	Groups_has_Users
	Groups
	Users


1.6. Table: Medias

types du médias utilisé

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(45)	

Linked from

	Table	Join	Title / Name / Description
	Medias_has_Works	Medias id = Medias_has_WorksMedias_id	FK_Medias_has_Posts_Medias

Unique keys





		Name / Description
	id	PK__Medias__3213E83FCC87B7ED

Used By



	Name
	Medias
	Medias_has_Works

1.7. Table: Medias_has_Works

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Works_id	int	References: Works
		Medias_id	int	References: Medias




Links to

	Table	Join	Title / Name / Description
	Medias	Medias_has_Works Medias_id = Mediasid	FK_Medias_has_Posts_Medias
	Works	Medias_has_Works Works_id = Worksid	FK_Medias_has_Posts_Works

Unique keys








		Name / Description
	id	PK__Medias_h__3213E83F8FCA69B6

Uses

	Name
	Medias_has_Works
	Medias
	Works

1.8. Table: Messages

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		description	varchar(45)	Nullable
		creation_date	date	
		Posts_id	int	References: Posts
		Discussions_id	int	References: Discussions
		Users_id	int	References: Users


Links to

	Table	Join	Title / Name / Description
	Discussions	Messages Discussions_id = Discussionsid	FK_Messages_Discussions
	Posts	Messages Posts_id = Postsid	FK_Messages_Posts
	Users	Messages Users_id = Usersid	FK_Messages_Users

Unique keys









		Name / Description
	id	PK__Messages__3213E83F8F135E7D

Uses

	Name
	Messages
→	Discussions
→	Posts
→	Users

1.9. Table: People



Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		firstname	varchar(45)	
		name	varchar(45)	
		gender	varchar(45)	Homme ou femme ?
		birthday	date	Nullable


Linked from

	Table	Join	Title / Name / Description
←	People_has_Works	People id = People_has_WorksPeople_id	FK_People_has_Works_People
←	Users	People id = UsersPeople_id	FK_Users_People

Unique keys





		Name / Description
	id	PK_People_3213E83F2D7EB2EC
	firstname, name	UQ_People_5F285D405A690F74

Used By

	Name
	People
→	People_has_Works
→	Users

1.10. Table: People_has_Works

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		People_id	int	References: People
		Works_id	int	References: Works

Links to

	Table	Join	Title / Name / Description
➤	People	People_has_Works People_id = Peopleid	FK_People_has_Works_People
➤	Works	People_has_Works Works_id = Worksid	FK_People_has_Works_Works

Unique keys

	Name / Description
🔑 id	PK_People_h_3213E83FA60455AE

Uses

	Name
📊	People_has_Works
➤	People
➤	Works

1.11. Table: Posts

message posté sur le site, un poste est visible par tout le monde sur le site, il contient des messages

Columns

		Name	Data type	Description / Attributes
📋	🔑	id	int	Identity / Auto increment
📋		title	varchar(45)	
📋		description	varchar(45)	Nullable
📋		creation_date	date	
📋		Users_id	int	References: Users

Links to

	Table	Join	Title / Name / Description
➤	Users	Posts Users_id = Usersid	FK_Posts_Users

Linked from

	Table	Join	Title / Name / Description
➤	Messages	Posts id = MessagesPosts_id	FK_Messages_Posts
➤	Users_has_Posts	Posts id = Users_has_PostsPosts_id	FK_Users_has_Posts_Posts
➤	Works_has_Posts	Posts id = Works_has_PostsPosts_id	FK_Works_has_Posts_Posts





Unique keys

	Name / Description
🔑 id	PK_Posts_3213E83F428C73E1

Uses

	Name
 Posts	
 Users	





Used By

	Name
 Posts	
 Messages	
 Users_has_Posts	
 Works_has_Posts	


1.12. Table: Rights

Droits uniques donné par les administrateurs à un utilisateur



Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		name	varchar(45)	

Linked from

	Table	Join	Title / Name / Description
	Rights_has_Users	Rights id = Rights_has_UsersRights_id	FK_Right_has_Users_Rights

Unique keys





		Name / Description
	id	PK_Rights_3213E83F0232B186
	name	UQ_Rights_72E12F1B3010B94C

Used By

	Name
 Rights	
 Rights_has_Users	

1.13. Table: Rights_has_Users

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Rights_id	int	References: Rights
		Users_id	int	References: Users

Links to

	Table	Join	Title / Name / Description
➤	Rights	Rights_has_Users Rights_id = Rightsid	FK_Right_has_Users_Rights
➤	Users	Rights_has_Users Users_id = Usersid	FK_Right_has_Users_Users

Unique keys

		Name / Description
🔑	id	PK_Rights_h_3213E83F2DA0348C

Uses

	Name
📊	Rights_has_Users
➤	Rights
➤	Users

1.14. Table: Users

Comptes utilisateurs

Columns

		Name	Data type	Description / Attributes
📋	🔑	id	int	Identity / Auto increment
📋	🔑	password	varchar(45)	
📋	🔑	mail	varchar(45)	
📋	🔑	username	varchar(45)	
📋		image	varchar(45)	Url des images des utilisateurs Nullable
📋		rank	int	Donne un niveau d importance à un utilisateur (plus il est élevé => signifie que l'utilisateur a des droits spéciaux Nullable
📋		account_state	tinyint	Donne le niveau du compte (plus il est haut => signifie que l'utilisateur aime le site Nullable
📋		creation_date	date	
📋		People_id	int	References: People

Links to

	Table	Join	Title / Name / Description
➤	People	Users People_id = Peopleid	FK_Users_People

Linked from

	Table	Join	Title / Name / Description
➤	Groups_has_Users	Users id = Groups_has_UsersUsers_id	FK_Groups_has_Users_Users
➤	Messages	Users id = MessagesUsers_id	FK_Messages_Users
➤	Posts	Users id = PostsUsers_id	FK_Posts_Users
➤	Rights_has_Users	Users id = Rights_has_UsersUsers_id	FK_Right_has_Users_Users

	Table	Join	Title / Name / Description
←	Users_has_Posts	Users id = Users_has_PostsUsers_id	FK_Users_has_Posts_Users

Unique keys

		Name / Description
🔑	id	PK_Users__3213E83FE9963EF3
🔑	password	UQ_Users__6E2DBEDE31F82980
🔑	mail	UQ_Users__7A2129042A2249B8
🔑	username	UQ_Users__F3DBC57261210F82

Uses

	Name
📊 Users	
➔ People	

Used By

	Name
📊 Users	
← Groups_has_Users	
← Messages	
← Posts	
← Rights_has_Users	
← Users_has_Posts	

1.15. Table: Users_has_Posts

Columns

		Name	Data type	Description / Attributes
📄	🔑	id	int	Identity / Auto increment
📄		Posts_id	int	References: Posts
📄		Users_id	int	References: Users




Links to

	Table	Join	Title / Name / Description
➔	Posts	Users_has_Posts Posts_id = Postsid	FK_Users_has_Posts_Posts
➔	Users	Users_has_Posts Users_id = Usersid	FK_Users_has_Posts_Users

Unique keys

		Name / Description
🔑	id	PK_Users_ha__3213E83FFD8EEB09








Uses

	Name
	Users_has_Posts
	Posts
	Users




1.16. Table: Works

Oeuvres en question

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		title	varchar(45)	
		image	varchar(45)	Nullable
		description	varchar(45)	Nullable
		creation_date	date	
		rating	int	Nullable





Linked from

	Table	Join	Title / Name / Description
	Medias_has_Works	Worksid = Medias_has_WorksWorksid	FK_Medias_has_Posts_Works
	People_has_Works	Worksid = People_has_WorksWorksid	FK_People_has_Works_Works
	Works_has_Posts	Worksid = Works_has_PostsWorksid	FK_Works_has_Posts_Works

Unique keys





	Name / Description
	id PK_Works__3213E83F5DE2EF31

Used By

	Name
	Works
	Medias_has_Works
	People_has_Works
	Works_has_Posts

1.17. Table: Works_has_Posts

Columns

		Name	Data type	Description / Attributes
		id	int	Identity / Auto increment
		Works_id	int	References: Works
		Posts_id	int	References: Posts

Links to

	Table	Join	Title / Name / Description
➤	Posts	Works_has_Posts Posts_id = Postsid	FK_Works_has_Posts_Posts
➤	Works	Works_has_Posts Works_id = Worksid	FK_Works_has_Posts_Works

Unique keys

		Name / Description
🔑	id	PK_Works_ha_3213E83FE7B1C3A9

Uses

	Name
📊	Works_has_Posts
➤	Posts
➤	Works

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