

MarvelPedia-616

1: Objective and Brief explanation of project:

We are basing our project on the database of Marvel Universe-616. It encompasses the characters in it and their organisations (teams, relations or race), the noteworthy items and places in this universe. The database will also contain information like where did the characters/ items/ organisations first appeared in comics and who made those comics and when. Our program will provide all this information about this fictional universe (which is available to us).

Objective:

To make an application with information about Marvel Earth-616.

Functionality:

MarvelPedia-616 is an encyclopedia which lets a user get information about the characters and their relations in the Marvel universe.

We present to the user a medium to browse through all the existing characters, locations, items, races, teams, comics and their creators.

The program will have options to browse everything category wise.

As new comics are released, the entities can be added through the program.

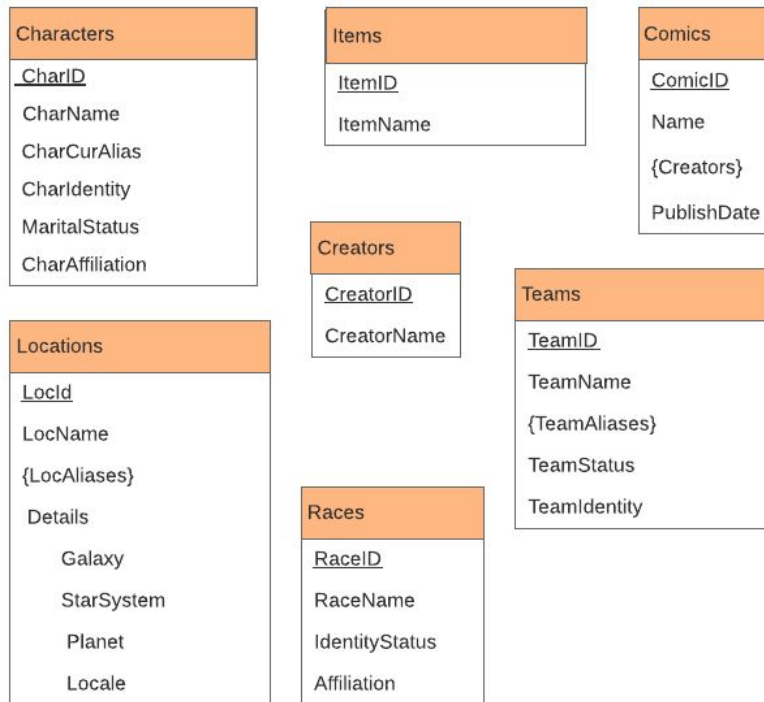
Implementation Platform Detail:

Database on SQL

Front-end and integration through JAVA, JavaFX

2: E-R Scheme with E-R diagram:

Scheme



born_in() = (CharID, CharName, LocID (FK), LocName)

operation_base() = (CharID (FK), CharName, LocID, LocName)

lead_by() = (CharID, CharName, TeamID (FK), TeamName)

related_to() = (RelID, CharAlias (FK), Relative, Relation)

allies_of() = (CharID, CharName, TeamID (FK), TeamName)

enemies_of() = (CharID, CharName, TeamID (FK), TeamName)

possessed_by() = (CharID, CharName, TeamID (FK), TeamName)

part_of() = (CharID, CharName, TeamID (FK), TeamName)

of_race() = (CharID, CharName, RaceID (FK), RaceName)

originated_at() = (RaceID, RaceName, LocID (FK), LocName)

first_appeared_in() = (CharID, CharName, ComicID (FK), PublishDate (FK), Creators (FK))

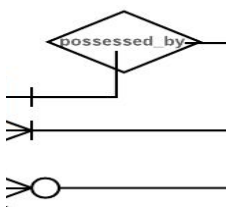
created_by() = (ComicID, ComicName, CreatorID (FK), CreatorName)

Relational Diagram

Note: We have followed Crow's foot notations due to limitations of the application we used to make the schema and diagram.

Kindly resize if not visible. Diagram on next page.

KEY

	Relation	Locations	Entity
	One + Partial	<u>LocId</u>	Primary Key
	Many + Partial	LocName	Attribute
	Many + Total	{LocAliases}	Multivalued Attribute
		Details	Composite Attribute
		Galaxy	Component attribute

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