The database is based on the paper Films Illustrating Character Strengths and Virtues by Niemiec and Wedding. There are a few differences in the naming of the character strengths between the paper and Via Character. For our application we use the Via Character naming of the strengths. Below you will find the overview of the character strengths that are different.

Paper	Via Character
Forgiveness and mercy	Forgiveness
Humility and modesty	Humility
Citizenship	Teamwork
Integrity	Honesty
Persistence	Perseverance
Vitality	Zest
Open-mindedness	Judgement

The database consists out of different tables: movie_info, users, movie_ratings, user_ratings.

Movie_info
The movie_info table contains 826 rows. Each row has 7 columns.

Column name	Column explanation	Column type
movie_id	Identifier of the movie	Varchar(45) – Primary key
primary_title	Title of the movie	Longtext
original_title	Movie title in original language	Longtext
start_yea	Year the movie was released	Int
runtime	How long the movie is in minutes	Int
genres	The genres of the movie	Longtext
poster_url	The link to the poster	Varchar(90)

Users
The users table is constantly updated when a new user uses the app, which means that the number of rows is not stable but gets bigger the more users there are. It has 3**(???)** columns.

Column name	Column explanation	Column type
user_id	Contains the identifier for the user	Int – Primary key
android_id	Contains the identifier of the android device	Varchar(90)
saved_movies	Contains the movies saved by the user	**???**

Movie_ratings

The movie_ratings table contains 826 rows and has 29 columns. It holds movie ratings that are given by all users.

Column name	Column explanation	Column type
movie_id	Identifier of the movie	Varchar(45) – Primary key
votes_enjoyment	The number of votes for enjoyment	Int
average_enjoyment	The rating given by the number of votes and the ratings from the users	Float(4,2)
votes_meaning	The number of votes for meaningfulness	Int
average_meaning	The rating given by the number of votes and ratings from the users	Float(4,2)
creativity	The number of times this character strength was voted for by the user	
curiosity	""	Int
judgement	""	Int
love_of_learning	""	Int
perspective	""	Int
bravery	""	Int
honesty	""	Int
zest	""	Int
perserverance	""	Int
love	""	Int
kindness	""	Int
social_intelligence	""	Int
teamwork	""	Int
fairness	""	Int
leadership	""	Int
forgiveness	""	Int
humility	""	Int
prudence	""	Int
self_regulation	""	Int
appreciation_beauty_excellence	""	Int
gratitude	""	Int
hope	""	Int
humor	""	Int
spirituality	""	Int

User_ratings

The user_ratings table is dependent on the users. When a user rates a movie then the user_ratings table gets updated with a new row. It contains all the ratings from the users, with the help of the user_id you can get all the movies (and the character strengths) that the user rated. The table contains 29 columns, which includes the 24 character strengths.

Column name	Column explanation	Column type
rating_id	Identifier of the rating	Int – Primary key
user_id	Cotains the identifier of the user	
movie_id	Identifier of the movie	Varchar(45)
enjoyment_rating	The rating given by the user for enjoyment	Float(4,2)
meaning_rating	The rating given by the user for meaningfullness	Float(4,2)
creativity	The number of times this character strength was voted for by the user	
curiosity	""	Int
judgement	""	Int
love_of_learning	""	Int
perspective	""	Int
bravery	""	Int
honesty	""	Int
zest	""	Int
perserverance	""	Int
love	""	Int
kindness	""	Int
social_intelligence	""	Int
teamwork	""	Int
fairness	""	Int
leadership	""	Int
forgiveness	""	Int
humility	""	Int
prudence	""	Int
self_regulation	""	Int
appreciation_beauty_excellence	""	Int
gratitude	""	Int
hope	""	Int
humor	""	Int
spirituality	""	Int