Layouts

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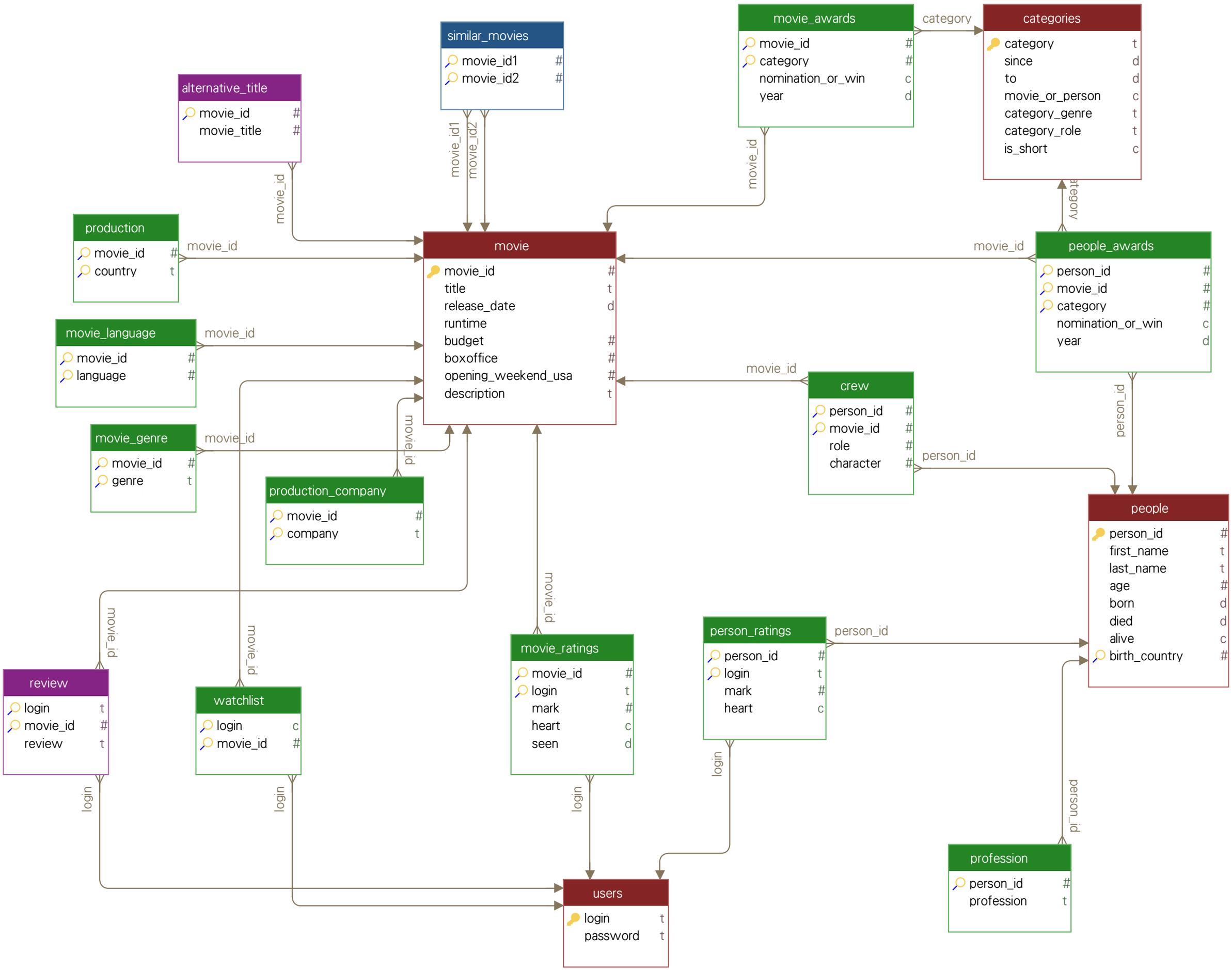
similar_movies
movie_id1 #
movie_id2 #
movie_awards
movie_id #
category #
nomination_or_win c
year d
category
categories
category t
since d
to d
movie_or_person c
category_genre t
category_role t
is_short c
alternative_title
movie_id #
movie_title #
movie_id
movie_id1
movie_id2
movie_id
production
movie_id #
country t
movie_id
movie
movie_id #
title t
release_date d
runtime
budget #
boxoffice #
opening_weekend_usa #
description t
movie_id
people_awards
person_id #
movie_id #
category #
nomination_or_win c
year d
movie_language
movie_id #
language #
movie_id
movie_id
crew
person_id #
movie_id #
role #
character #
person_id
person_id
movie_genre
movie_id #
genre t
movie_id
production_company
movie_id #
company t
movie_id
people
person_id #
first_name t
last_name t
age #
born d
died d
alive c
birth_country #
movie_id
movie_id
movie_id
movie_id
review
login t
movie_id #
review t
watchlist
login c
movie_id #
movie_ratings
movie_id #
login t
mark #
heart c
seen d
person_ratings
person_id #
login t
mark #
heart c
person_id
login
login
login
login
person_id
profession
person_id #
profession t
users
login t
password t

Table alternative_title			
*Idx	movie_id	integer	
*	movie_title	integer	
Indexes			
	idx_alternative_title_movie_id	movie_id	
Foreign Keys			
	fk_alternative_title_movie (movie_id) ref movie (movie_id)		

Table categories			
*Pk	category	varchar	
*	since	date	
	to	date	
	movie_or_person	char(1)	
	category_genre	varchar	
	category_role	varchar	
	is_short	char(1)	
Indexes			
Pk	pk_categories_category	category	

Table crew			
*Idx	person_id	integer	
*Idx	movie_id	integer	
*	role	integer	//Add enum: {director,editor,music,cameraworker,writer,others}
	character	integer	//Add constraintnot null only if role == actor
Indexes			
	idx_crew_person_id	person_id	
	idx_crew_movie_id	movie_id	
Foreign Keys			
	fk_crew_people (person_id) ref people (person_id)		
	fk_crew_movie (movie_id) ref movie (movie_id)		

Table movie			
*Pk	movie_id	integer	
*	title	varchar	
	release_date	date	
*	runtime	cidr	//Datatye interval
	budget	integer	
	boxoffice	integer	
	opening_weekend_usa	integer	

Table movie			
	description	text	
Indexes			
Pk	pk_movie_movie_id	movie_id	

Table movie_awards			
*Idx	movie_id	integer	
*Idx	category	integer	
*	nomination_or_win	char(1)	N-NominationW-winner
*	year	date	//Datatype - Year
Indexes			
	idx_awards_movie_id	movie_id	
	idx_movie_awards_category	category	
Foreign Keys			
	fk_awards_movie (movie_id) ref movie (movie_id)		
	fk_movie_awards_awards ( ) ref awards ( )		
	fk_movie_awards_awards_categories_names (category) ref awards_categories_names (category_name)		
	fk_movie_awards_categories (category) ref categories (category)		
Constraints			
	nomination_or_win	nomination_or_win='N' OR nomination_or_win='W'	

Table movie_genre //Add Enum			
*Idx	movie_id	integer	
*Idx	genre	varchar	
Indexes			
	idx_production_1_movie_id	movie_id	
	idx_movie_genre_genre_id	genre	
Foreign Keys			
	fk_production_1_movie (movie_id) ref movie (movie_id)		
	fk_movie_genre_genre (genre) ref genre (genre_id)		

Table movie_language //maybe add enum			
*Idx	movie_id	integer	
*Idx	language	integer	
Indexes			
	idx_movie_language_movie_id	movie_id	
	idx_movie_language_language_id	language	
Foreign Keys			

Table movie_language //maybe add enum			
	fk_movie_language_movie (movie_id) ref movie (movie_id)		
	fk_movie_language_language (language) ref language (language_id)		

Table movie_ratings			
*Idx	movie_id	integer	
*Idx	login	varchar(17)	
*	mark	integer	//Add enum {1,...,10}
	heart	char(1)	H - heart
	seen	date	
Indexes			
	idx_movie_ratings_user_id	login	
	idx_movie_ratings_movie_id	movie_id	
Foreign Keys			
	fk_movie_ratings_users (login) ref users (login)		
	fk_movie_ratings_movie (movie_id) ref movie (movie_id)		

Table people			
*Pk	person_id	integer	
*	first_name	varchar	
	last_name	varchar	
	age	integer	
	born	date	
	died	date	
	alive	char(1)	Y/N
Idx	birth_country	integer	
Indexes			
Pk	pk_people_person_id	person_id	
	idx_people_birth_country	birth_country	
Foreign Keys			
	fk_people_country (birth_country) ref country (country_id)		

Table people_awards			
*Idx	person_id	integer	
Idx	movie_id	integer	
*Idx	category	integer	
*	nomination_or_win	char(1)	N-NominationW-Win
*	year	date	
Indexes			

Table people_awards			
	idx_people_awards_person_id	person_id	
	idx_people_awards_movie_id	movie_id	
	idx_people_awards_category	category	
Foreign Keys			
	fk_people_awards_people (person_id) ref people (person_id)		
	fk_people_awards_movie (movie_id) ref movie (movie_id)		
	fk_people_awards_awards ( ) ref awards ( )		
	fk_people_awards_awards_categories_names (category) ref awards_categories_names (category_name)		
	fk_people_awards_categories (category) ref categories (category)		

Table person_ratings /Add enum {1,...,10}			
*Idx	person_id	integer	
*Idx	login	varchar(17)	
*	mark	integer	
	heart	char(1)	H – heart
Indexes			
	idx_person_ratings_user_id	login	
	idx_person_ratings_person_id	person_id	
Foreign Keys			
	fk_person_ratings_users (login) ref users (login)		
	fk_person_ratings_people (person_id) ref people (person_id)		

Table production //Maybe add enum			
*Idx	movie_id	integer	
*Idx	country	varchar	
Indexes			
	idx_production_movie_id	movie_id	
	idx_production_country_id	country	
Foreign Keys			
	fk_production_movie (movie_id) ref movie (movie_id)		
	fk_production_country (country) ref country (country_id)		

Table production_company			
*Idx	movie_id	integer	
*Idx	company	varchar	
Indexes			
	idx_production_company_movie_id	movie_id	

Table production_company			
	idx_production_company_company_id	company	
Foreign Keys			
	fk_production_company_movie (movie_id) ref movie (movie_id)		
	fk_production_company_company (company) ref company (company_id)		

Table profession			
*Idx	person_id	integer	
	profession	varchar	
Indexes			
	idx_profession_person_id	person_id	
Foreign Keys			
	fk_profession_people (person_id) ref people (person_id)		
	fk_profession_professions ( ) ref professions ( )		

Table review			
*Idx	login	varchar(17)	
*Idx	movie_id	integer	
*	review	text	
Indexes			
	idx_review_user_id	login	
	idx_review_movie_id	movie_id	
Foreign Keys			
	fk_review_users (login) ref users (login)		
	fk_review_movie (movie_id) ref movie (movie_id)		

Table similar_movies			
*Idx	movie_id1	integer	
*Idx	movie_id2	integer	
Indexes			
	idx_similar_movies_movie_id1	movie_id1	
	idx_similar_movies_movie_id2	movie_id2	
Foreign Keys			
	fk_similar_movies_movie (movie_id1) ref movie (movie_id)		
	fk_similar_movies_movie_0 (movie_id2) ref movie (movie_id)		

Table users			
*Pk	login	varchar(17)	

Table users			
*	password	varchar(1024)	hash
Indexes			
Pk	pk_users_users_id	login	

Table watchlist			
*Idx	login	char(17)	
*Idx	movie_id	integer	
Indexes			
	idx_watchlist_movie_id	movie_id	
	idx_watchlist_user_id	login	
Foreign Keys			
	fk_watchlist_movie (movie_id) ref movie (movie_id)		
	fk_watchlist_users (login) ref users (login)		