API

User:

Route	Verb	Response
<URL>/users	GET	List of users
<URL>/users/id	GET	Show user information
<URL>/users/id	PUT	Update user information based on id, return new info
<URL>/users	POST	Create new user, returns user id
<URL>/users/login	POST	Initialize new user session, return true or false

Awards:

Route	Verb	Response
<URL>/awards	GET	List of users
<URL>/awards/award_id	GET	Show award information
<URL>/awards	PUT	Update award information based on id
<URL>/awards	POST	Create new award
<URL>/awards/award_id/categories	GET	List of awards nomination categories
<URL>/awards/award_id/categories/category_id	GET	Show award category information
<URL>/awards/award_id/categories/category_id	PUT	Update award nomination category information
<URL>/awards/award_id/categories	POST	Creates a new nomination category under awards section
<URL>/awards/award_id/nomination	GET	Get list of award nominations
<URL>/awards/award_id/nominations/year	GET	Get list of award nominations by year
<URL>/awards/award_id/nominations/year/category_id	GET	Get information about award nomination by year/category id
<URL>/awards/id/nominations	PUT	Update information about award nomination
<URL>/awards/id/nominations	POST	Create new award nomination

Actors:

Route	Verb	Response
<URL>/actors	GET	List of actors
<URL>/actors/id	GET	Show actor information
<URL>/actors	PUT	Update actor information based on id, returns new info
<URL>/actors	POST	Create new actor, returns actor id

Directors:

Route	Verb	Response
<URL>/directors	GET	List of directors
<URL>/directors/id	GET	Show director information
<URL>/directors/id	PUT	Update director information based on id, returns new info
<URL>/directors	POST	Create new director, returns director id

Studios:

Route	Verb	Response
<URL>/studios	GET	List of studios
<URL>/studios/id	GET	Show studio information
<URL>/studios/id	PUT	Update studio information based on id, returns new info
<URL>/studios	POST	Create new studio director, returns studio id

Genres:

Route	Verb	Response
<URL>/genres	GET	List of genres
<URL>/genres/id	GET	Show genre information
<URL>/genres/id	PUT	Update genre information based on id, returns new info
<URL>/genres	POST	Create new genre, returns genre id

Movies:

Route	Verb	Response
<URL>/movies	GET	List of movies
<URL>/movies/id	GET	Show movie information by id
<URL>/movies/genre/genre_name	GET	Show movie list by genre (id, name, url)
<URL>/movies/id	PUT	Update movie information based on id
<URL>/movies	POST	Create new movie
<URL>/movies/transaction	DELETE	Delete movie transaction from specified transaction table
<URL>/movies/transaction	POST	Add movie transaction to transaction table

Smart:

Route	Verb	Response
<URL>/smart/rating/movie_id	GET	Get rating of movie
<URL>/smart/rating/movie_id/user_id	PUT	Update user rating about movie
<URL>/smart/plays/movie_id	GET	Get total plays of movie
<URL>/smart/plays/movie_id/user_id	PUT	Update user plays count for movie
<URL>/smart/ai/user_id	GET	List movie suggestion for user