Application used: <https://floating-savannah-86891.herokuapp.com>

**Sprint 1**

Story1:

* As a manager I want an API for user login
* From API we cannot create an admin user, this should be performed only by system admin manipulating DB directly

Story2:

* As a manager I want an API for customers

**Sprint 2 :**

Story3:

* As a manager I want an API for genres
* As a manager I want an API for movies
* As a manager I want an API for rentals
* **/api/users**

name:

type: String,

required: true,

minlength: 5,

maxlength: 50

email:

type: String,

required: true,

minlength: 5,

maxlength: 255,

unique: true

password:

type: String,

required: true,

minlength: 5,

maxlength: 1024

isAdmin: Boolean (True / False)

*Operations:*

*POST /api/users : create a user*

*GET /api/users/me : information about current user (use with /api/auth generated token)*

*!!!isAdmin is not allowed , this should only be added my the system admin!!!*

* **/api/auth**: used for login

email:

type: String,

required: true,

minlength: 5,

maxlength: 255,

unique: true

password:

type: String,

required: true,

minlength: 5,

maxlength: 1024

*Operations:*

*POST /api/auth : for login, we get a token*

*Token will be used in Header :*

*x-auth-token : <token>*

*Remark: see* [*https://jwt.io/*](https://jwt.io/) *(Json Web Token)*

* **/api/customers** : used for clients

name:

type: String,

required: true,

minlength: 5,

maxlength: 50

isGold:

type: Boolean,

default: false

phone:

type: String,

required: true,

minlength: 5,

maxlength: 50

*Operations:*

*POST /api/customers*

*Will return an id: "\_id": "5e5c353e33e7f200173d17d1"*

*PUT /api/customers/<id> : to modify a client*

*GET /api/customers : to return all clients*

*DELETE /api/customers/<id> : to delete a client*

* **/api/genres** : used to add/see genres movies

name:

type: String,

required: true,

minlength: 5,

maxlength: 50

*Operations:*

*GET*

*/api/genres : to see al genres*

*/api/genres/<id> : to see a specific genre*

*POST*

*/api/genres : to add a genre*

*!!!! you cannot add a genre with a authentication token , see /api/auth*

*PUT : to modify a genre*

*/api/genres/<id>*

*DELETE: to delete a genre*

*/api/genres/<id>*

*!!!! you can only delete a genre if you are an admin*

* **/api/movies** :used to add/see what movies can we rent

title:

type: String,

required: true,

trim: true,

minlength: 5,

maxlength: 255

genreId:

type: genreSchema, (id from the genres)

required: true

numberInStock:

type: Number,

required: true,

min: 0,

max: 255

dailyRentalRate:

type: Number,

required: true,

min: 0,

max: 255

*Operations:*

*GET /api/movies : to return all movies*

*GET /api/movies/<id> : to return a specific movie*

*POST /api/movies : to add a movie*

*PUT /api/movies<id>: to modify a movie*

*DELETE /api/movies/<id>: to delete a movie*

* **/api/rentals**

*Operations:*

*GET /api/rentals : to return all rentals*

*GET /api/rentals/<id> : to return a specific rental*

*POST /api/rentals : to add a rental*