REST API + HATEOAS biblioteki.

Modele: Autor, Książka, Wypożyczenie, Rezerwacja, Użytkownik

Baza danych: h2, hasła haszowane za pomocą BCrypta

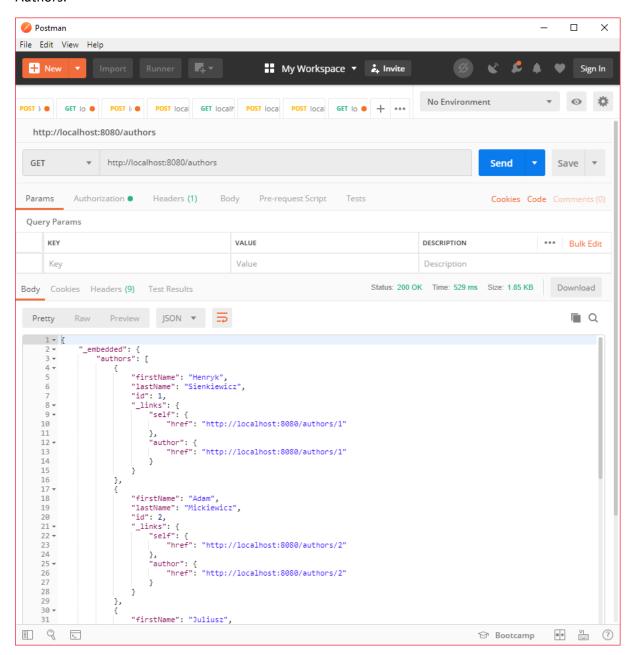
Dwa poziomy uprawnień: Admin i User

Metoda prezentacji: program Postman

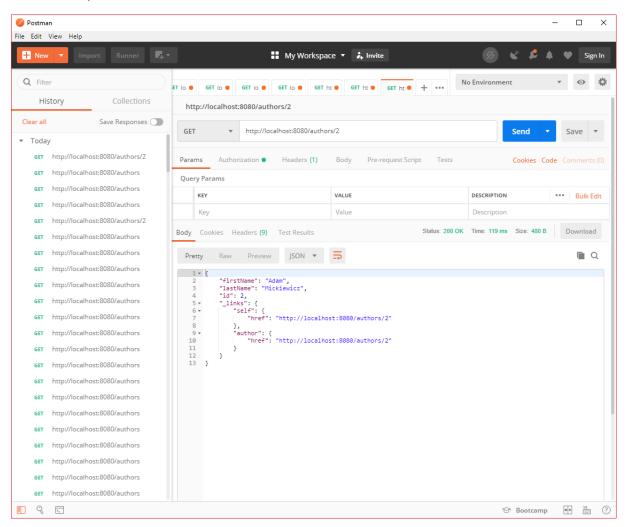
Link do githuba: https://github.com/ArturGrzegorzKanclerz/Projekt_Zaliczeniowy

Skrypt wypełniający bazę w pliku data.sql w katalogu Resources

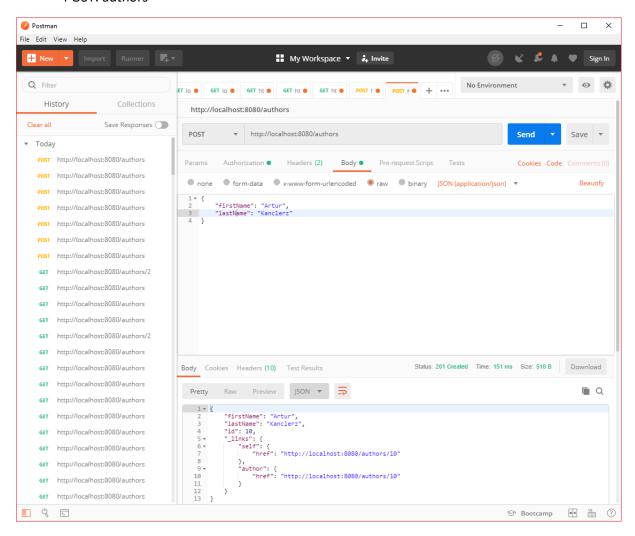
Authors:



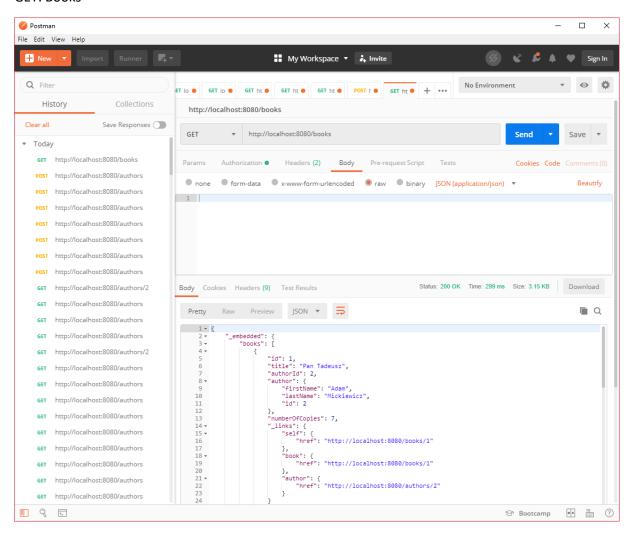
GET: authors/id



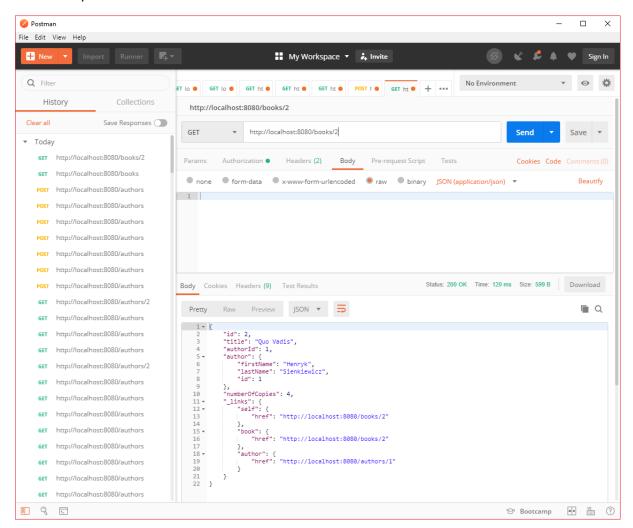
POST: authors



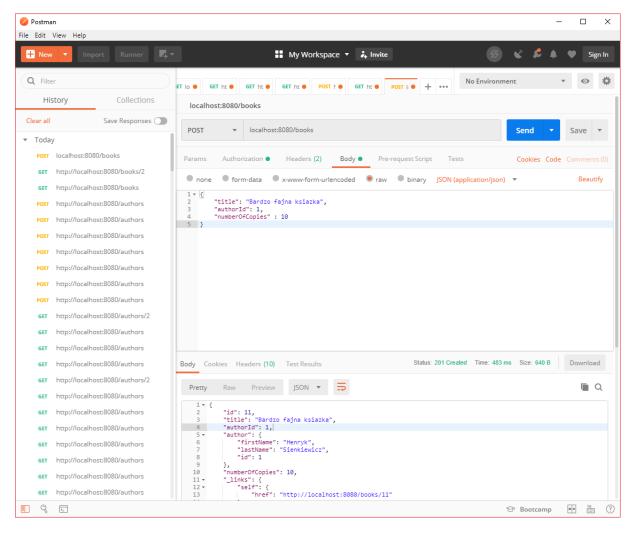
GET: Books



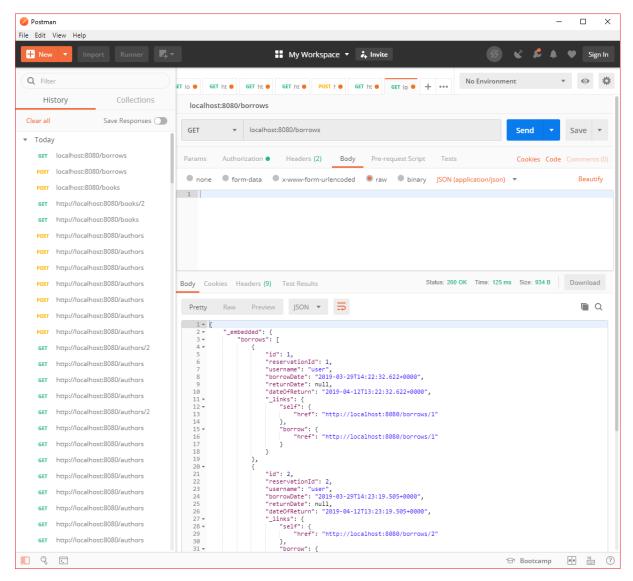
GET: books/id



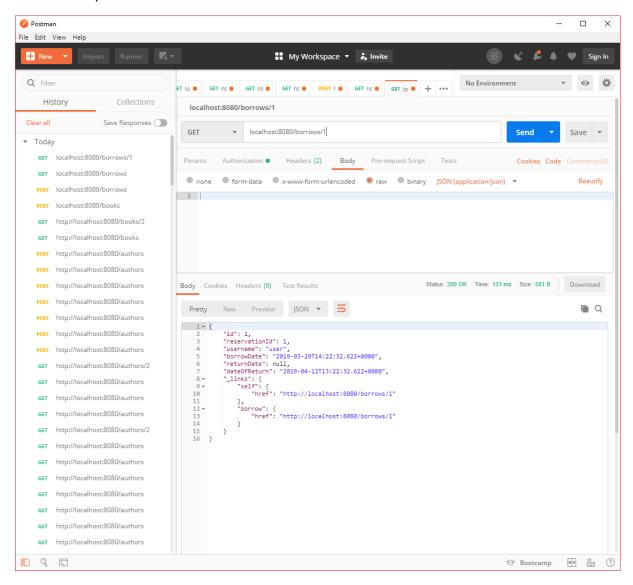
POST: books/



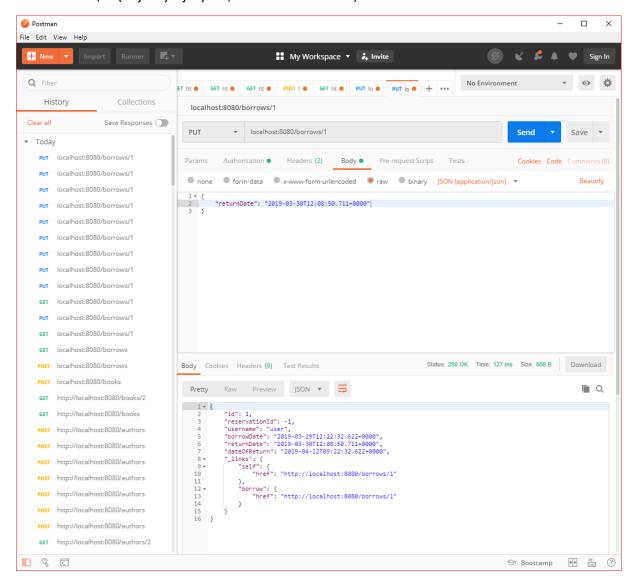
GET: borrows/



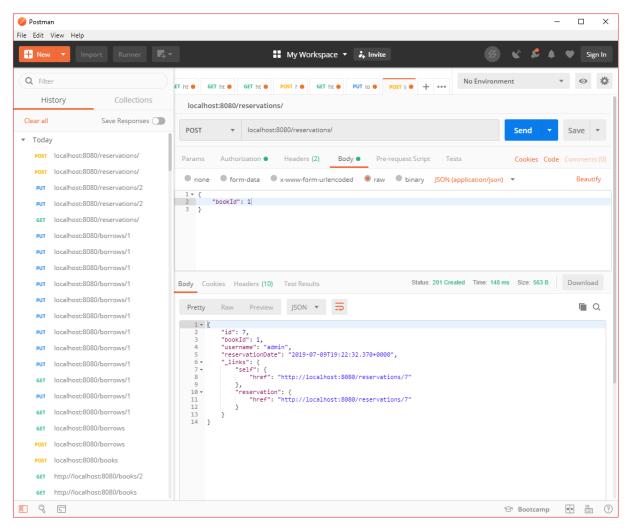
GET: borrows/id



PUT: borrows/id (slajd wyżej wydać, że returnDate = null)



POST: reservations/



GET: reservations/

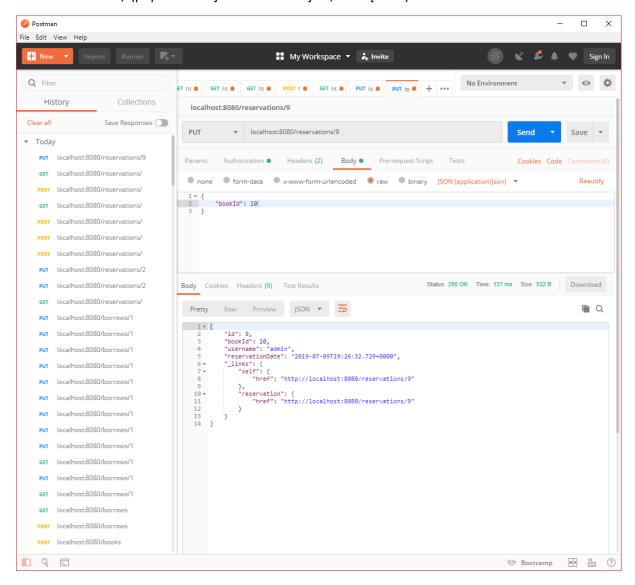
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Postman
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      GET localhost:8080/reservations/
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{
     POST localhost:8080/reservations/
                                                                                    "id": 7,
"bookId": 1,
"username": "admin",
"reservationOate": "2019-07-09T19:22:32.370+0000",
      GET localhost:8080/reservations/
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| "links": {
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| "href": "http://localhost:8080/reservations/7"
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                                                                                         "reservation": {
    "href": "http://localhost:8080/reservations/7"
     POST localhost:8080/reservations/
      PUT localhost:8080/reservations/2
      PUT localhost:8080/reservations/2
      GET localhost:8080/reservations/
                                                                                    "id": 8,
"bookId": 9,
"username": "admin",
"reservationDate": "2019-07-09T19:23:44.852+0000",
      PUT localhost:8080/borrows/1
                                                                                     "reserversons---
"_links": {
    "self": {
        "href": "http://localhost:8080/reservations/8"

      PUT localhost:8080/borrows/1
      PUT localhost:8080/borrows/1
                                                                                        "reservation": {
    "href": "http://localhost:8080/reservations/8"
      PUT localhost:8080/borrows/1
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      PUT localhost:8080/borrows/1
      PUT localhost:8080/borrows/1
                                                                               },
{
                                                          102 v
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104
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107 v
                                                                                    "id": 9,
"bookId": 5,
"username": "admin",
"reservationDate": "2019-07-09T19:24:39.951+0000",
      PUT localhost:8080/borrows/1
      PUT localhost:8080/borrows/1
                                                                                     "links": {
    "self": {
        "hrtp://localhost:8080/reservations/9"
      PUT localhost:8080/borrows/1
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      GET localhost:8080/borrows/1
                                                                                        },
"reservation": {
    "href": "http://localhost:8080/reservations/9"
                                                          111 v
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      PUT localhost:8080/borrows/1
      GET localhost:8080/borrows/1
                                                                               }
                                                                          1
                                                                     | "_links": {
    "self": {
        "href": "http://localhost:8080/reservations"
        |
     POST localhost:8080/borrows
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     POST localhost:8080/books
      GET http://localhost:8080/books/2
                                                          123 }
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PUT: reservations/ (poprzedni slajd – id rezerwacji: 8, id książki: 5)



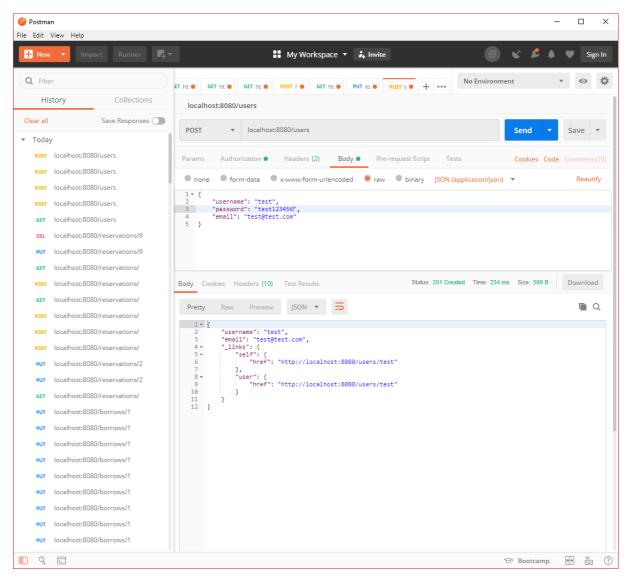
GET: users/

```
Postman
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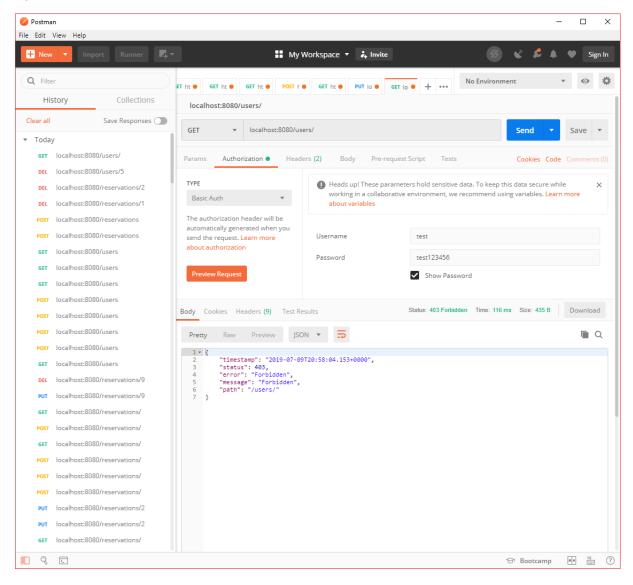
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     GET localhost:8080/users
                                               1 + {
                                                           "_embedded": {
    "users": [
     DEL localhost:8080/reservations/9
     PUT localhost:8080/reservations/9
                                                                       GET localhost:8080/reservations/
    POST localhost:8080/reservations/
                                                                           },
"user": {
    "href": "http://localhost:8080/users/admin"
     GET localhost:8080/reservations/
                                                11 - 12 13 14 15 16 - 17 18 19 - 20 - 21 22 23 - 24 25 26 27 28 - 29 30 31 - 32 33 34 35 36 37 38 39 40 41 42 - 43 - 44 45 46 47 }
    POST localhost:8080/reservations/
    POST localhost:8080/reservations/
                                                                   },
{
                                                                       "username": "user",
"email": "user@user",
"links": {
    "self": {
        "href": "http://localhost:8080/users/user"
    POST localhost:8080/reservations/
     PUT localhost:8080/reservations/2
          localhost:8080/reservations/2
                                                                           },
"user": {
    "href": "http://localhost:8080/users/user"
     GET localhost:8080/reservations/
     PUT localhost:8080/borrows/1
                                                                   },
{
     PUT localhost:8080/borrows/1
                                                                       PUT localhost:8080/borrows/1
     PUT localhost:8080/borrows/1
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"user": {
    "href": "http://localhost:8080/users/artur"
     PUT localhost:8080/borrows/1
     PUT localhost:8080/borrows/1
     PUT localhost:8080/borrows/1
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     PUT localhost:8080/borrows/1
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POST: users/



Uprawnienia USER:



Uprawnienia ADMIN:

