***BookStoreAPI – dokumentacja***

Wszystkie URL endpointów zaczynają się od <https://localhost:7247>  
  
Key 1 – nazwa wartości/listy  
Key 2 – nazwy wartości w liścieGET\* - GET oraz GET/id to samo dla POST  
(gwiazdka przy GET oznacza że jest to GET/id)

W przypadku braku szczegółowego opisania statusów, domyślnie dla opcji POST, PUT, DELETE zwracany jest status 204 NoContent, dla GET i GET/id jest 200 Ok i zwraca dane.

Opis:  
- (e) – autoryzacja tylko dla użytkownika oznaczonego jako employee  
- (u) – autoryzacja tylko dla użytkownika oznaczonego jako user  
- (a) – autoryzacja tylko dla użytkownika oznaczonego jako admin

***Spis treści:***

***Konto***  
1. Account  
2. User

***Użytkownik***  
3. City  
4. Country

***Dostawa***  
5. ShippingStatus

***Media***  
6. Images

***Powiadomienia***  
7. Contact  
8. Newsletter

***Elementy*** ***na*** ***stronie***  
9. Banner  
10. CategoryElement  
11. DiscountBanner  
12. FooterColumns  
13. FooterLinks  
14. NavBarMenuLinks  
15. News

***Produkty***  
16. Availability  
17. Edition  
18. FileFormat  
19. Form  
20. BookItems  
21. BookReview  
22. DiscountCodes  
23. Discounts  
24. Reservations  
25. StockAmount  
26. Author  
27. Category  
28. Language  
29. Publisher  
30. Score  
31. Translator  
32. Book

***Wypożyczenia***  
33. RentalStatus  
34. RentalType  
35. Rental

***Dostawcy***  
36. DeliveryStatus  
37. Supplier

***Transakcje***  
38. PaymentMethod  
39. TransactionStatus

***Wishlisty***  
40. Wishlist

***Zamówienia***41. DeliveryMethod  
42. OrderStatus  
43. Order

***CMS***  
44. CMS

|  |  |  |
| --- | --- | --- |
| Wersja | Opis | Data publikacji |
| 1.0 | Utworzenie dokumentacji | 02.01.2024 |
| 1.1 | Dodanie sprawdzania poprawności kodu zniżkowego (DiscountCode), dodanie kontrolera dla typu adresu (AddressType), zmiana pola Position z adresu na AddressTypeID (Address), dodanie obsługi zamówień dla użytkownika (User), dodanie zamówień w CMS (Order), dodanie tygodniowych statystyk dotyczących zamówień, wypożyczeń i rezerwacji (CMS) | 05.01.2024 |
| 1.2 | Dodanie rezerwacji (Reservations), obsługa ilości produktów i integracja z rezerwacjami, dodanie ceny po ogólnej zniżce (pole DiscountedBruttoPrice w BookItems/Store GET oraz GET\*), zmiana nazwy pola VAT na Tax dla BookItem | 07.01.2024 |
| 1.3 | Edycja wypożyczeń (Rental), zmiana GET na zwracanie wszystkich wypożyczeń oraz możliwość filtrowania po rentalStatusId (tutaj zmiana z rentalTypeId), dodanie pozycji PhoneNumber dla klienta (Customer), zmiana z GET na POST w kodach zniżkowych (DiscountCode/Order) | 15.01.2024 |
| 1.4 | Zmiana nazwy pola BruttoPrice na SingleItemBruttoPrice w User/Order (POST) dla zrozumienia, co dokładnie owe pole zwraca. Zmiana endpointu odpowiedzialnego za obsługę kodów zniżkowych w zamówieniu z /api/DiscountCodes/Order na /api/Order/DiscountCode. | 19.01.2024 |

**Konto**

***AccountController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Login | /api/Login |  | POST |  |  |
| Register | /api/Register |  | POST |  |  |
| Confirm\_Email | /api/ConfirmEmail | GET |  |  |  |
| Forgot\_Password | /api/ForgotPassword |  | POST |  |  |
| Reset\_Password | /api/ResetPassword |  | POST |  |  |
| Check\_Token\_Validity | /api/CheckTokenValidity |  | POST |  |  |

***Login (POST)***

Możliwe statusy:  
401 – brak autoryzacji (błąd podczas logowania)  
200 – ok (zwraca token jako string)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Email |  | string? |  | Adres email |
| Password |  | string? |  |  |
| Audience |  | string? | - API  - CMS  - WWW |  |

***Register (POST)***

Możliwe statusy:  
400 – błąd walidacji, błąd podczas tworzenia konta  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Username |  | string? |  | Tylko litery i cyfry, od 5 do 30 znaków. |
| Email |  | string? |  | Adres email |
| Password |  | string? |  | Od 5 do 20 znaków, wymagany znak specjalny, duża litera oraz cyfra. |
| Name |  | string? |  | Tylko litery, od 2 do 30 znaków. |
| Surname |  | string? |  | Tylko litery, od 2 do 30 znaków. |
| PhoneNumber |  | string? |  | Numer telefonu |
| IsSubscribed |  | bool |  | Flaga dla zapisu do newslettera |

***Confirm\_Email (GET)***

Możliwe statusy:  
400 – błąd potwierdzania emaila  
200 – ok (informacja zwrotna)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| userId |  | string |  |  |
| token |  | string |  |  |

***Forgot\_Password (POST)***

Możliwe statusy:  
400 – błąd walidacji  
200 – ok (informacja zwrotna)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Email |  | string |  | Adres email |

***Reset\_Password (POST)***

Możliwe statusy:  
400 – błąd podczas zmiany hasła  
200 – ok (informacja zwrotna)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| UserId |  | string |  |  |
| Token |  | string |  |  |
| Password |  | string |  |  |
| ConfirmPassword |  | string |  |  |

***Check\_Token\_Validity (POST)***

Możliwe statusy:  
400 – brak tokena/zakończona ważność  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| token |  | string |  |  |

***UserController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| User | /api/User | GET (u) |  | PUT (u) | DELETE (u) |
| User/Address | /api/User/Address | GET (u) | POST (u) |  |  |
| User/Password | /api/User/Password |  |  | PUT (u) |  |
| User/Order | /api/User/Order | GET\* (u) | POST |  |  |
| User/Order/DiscountCode | /api/User/Order/DiscountCode |  | POST |  |  |

***User (GET)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Name |  | string? | string / null |  |
| Surname |  | string? | string / null |  |
| Email |  | string? | string / null |  |
| Username |  | string? | string / null |  |
| PhoneNumber |  | string? | string / null |  |

***User (PUT)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika, błąd walidacji  
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Name |  | string? |  |  |
| Surname |  | string? |  |  |
| Email |  | string? |  |  |
| Username |  | string? |  |  |
| PhoneNumber |  | string? |  |  |

***User (DELETE)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
204 – no content

***User/Address (GET)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| address | Street | string? | string / null |  |
| StreetNumber | string? | string / null |  |
| HouseNumber | string? | string / null |  |
| Postcode | string? | string / null |  |
| CityID | int? | int / null |  |
| CountryID | int? | int / null |  |
| AddressTypeID | int? | int / null | Pozycja adresu, 1 dla address, 2 dla mailingAddress |
| mailingAddress | Street | string? | string / null |  |
| StreetNumber | string? | string / null |  |
| HouseNumber | string? | string / null |  |
| Postcode | string? | string / null |  |
| CityID | int? | int / null |  |
| CountryID | int? | int / null |  |
| AddressTypeID | int? | int / null | Pozycja adresu, 1 dla address, 2 dla mailingAddress |

***User/Address (POST)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| address | Street | string? | string / null |  |
| StreetNumber | string? | string / null |  |
| HouseNumber | string? | string / null |  |
| Postcode | string? | string / null |  |
| CityID | int? | int / null |  |
| CountryID | int? | int / null |  |
| AddressTypeID | int? | int / null | Pozycja adresu, 1 dla address, 2 dla mailingAddress |
| mailingAddress | Street | string? | string / null |  |
| StreetNumber | string? | string / null |  |
| HouseNumber | string? | string / null |  |
| Postcode | string? | string / null |  |
| CityID | int? | int / null |  |
| CountryID | int? | int / null |  |
| AddressTypeID | int? | int / null | Pozycja adresu, 1 dla address, 2 dla mailingAddress |

***User/Password (PUT)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika, błąd walidacji  
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| OldPassword |  | string? |  |  |
| NewPassword |  | string? |  |  |
| RepeatNewPassword |  | string? |  |  |

***User/Order (GET)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
200 – ok (dane zwrotne)

Możliwość wybrania filtrowania elementów za pomocą zapytania, przykład: **/api/User/Order?OrderStatusId=(id OrderStatus)**Poniżej znajduje się tabela z możliwymi filtrami.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  |  | int | int |  |
| FullBruttoPrice |  |  | decimal | decimal |  |
| OrderItems | Id |  | int | int |  |
|  | FormName |  | string? | string / null |  |
|  | BookTitle |  | string? | string / null |  |
|  | EditionName |  | string? | string / null |  |
|  | PriceBrutto |  | decimal? | decimal / null |  |
|  | FullPriceBrutto |  | decimal? | decimal / null |  |
|  | Quantity |  | int? | int / null |  |
|  | ImageURL |  | string? | string / null |  |
|  | Authors | Id | int | int |  |
|  |  | Name | string | string |  |
|  |  | Surname | string | string |  |

*Filtry*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| OrderStatusId |  | int? |  |  |

***User/Order (GET\*)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
200 – ok (dane zwrotne)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  |  | int | int |  |
| FullBruttoPrice |  |  | decimal | decimal |  |
| OrderDate |  |  | datetime | datetime |  |
| DeliveryMethod | Id |  | int | int |  |
| Name |  | string | string |  |
| Price |  | decimal | decimal |  |
| OrderStatus | Id |  | int | int |  |
| Name |  | string | string |  |
| Payment | Id |  | int | int |  |
| Amount |  | decimal | decimal |  |
| PaymentDate |  | datetime | datetime |  |
| PaymentMethod | Id | int | int |  |
| Name | string | string |  |
| TransactionStatus | Id | int | int |  |
| Name | string | string |  |
| Customer | Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Surname |  | string? | string / null |  |
| Email |  | string? | string / null |  |
| OrderItems | Id |  | int | int |  |
| FormName |  | string? | string / null |  |
| BookTitle |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| PriceBrutto |  | decimal? | decimal / null |  |
| FullPriceBrutto |  | decimal? | decimal / null |  |
| Quantity |  | int? | int / null |  |
| ImageURL |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***User/Order (POST)***

Możliwe statusy:  
400 – błąd podczas pobierania użytkownika   
201 – created

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| DeliveryMethodID |  |  | int | int |  |
| PaymentMethodID |  |  | int | int |  |
| DiscountCodeID |  |  | int? | int / null |  |
| CustomerGuest? | Name |  | string | string |  |
| Surname |  | string | string |  |
| Email |  | string | string |  |
| InvoiceAddress | Id |  | int |  |  |
| Street |  | string? | string / null |  |
| StreetNumber |  | string? | string / null |  |
| HouseNumber |  | string? | string / null |  |
| Postcode |  | string? | string / null |  |
| CityID |  | int? | int / null |  |
| CountryID |  | int? | int / null |  |
| AddressTypeID |  | int? | int / null |  |
| DeliveryAddress? | Id |  | int |  |  |
| Street |  | string? | string / null |  |
| StreetNumber |  | string? | string / null |  |
| HouseNumber |  | string? | string / null |  |
| Postcode |  | string? | string / null |  |
| CityID |  | int? | int / null |  |
| CountryID |  | int? | int / null |  |
| AddressTypeID |  | int? | int / null |  |
| CartItems | BookItemID |  | int | int |  |
| Quantity |  | int | int |  |
| SingleItemBruttoPrice |  | decimal | decimal |  |

***User/Order/DiscountCode (POST\*) <OrderDiscount>***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

***Endpoint przyjmuje obiekt taki sam jaki zwraca.***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| DiscountID |  | int? | int / null |  |
| DiscountCode |  | string | string |  |
| CartItems | BookItemID | int | int |  |
|  | Quantity | int? | int / null |  |
|  | BruttoPrice | decimal? | decimal / null |  |

**Użytkownik**

***CityController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| City | /api/City | GET\* | POST | PUT | DELETE |

***City***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***CountryController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Country | /api/Country | GET\* | POST | PUT | DELETE |

***Country***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***AddressTypeController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| AddressType | /api/AddressType | GET\* | POST | PUT | DELETE |

***AddressType***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

**id: 1 = address, 2 = mailing address, 3 = invoice address, 4 = delivery address**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string | string |  |

**Dostawa**

***ShippingStatusController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| ShippingStatus | /api/ShippingStatus | GET\* | POST | PUT | DELETE |

***ShippingStatus***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

**Media**

***ImagesController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Images | /api/Images | GET\* | POST | PUT | DELETE |

***Images***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |
| Position |  | Int? | Int / null |  |

**Powiadomienia**

***ContactController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Contact | /api/Contact | GET | POST\* |  |  |

***Contact (GET/POST)***

Możliwe statusy:  
400 – błąd pobierania kontaktu   
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| ClientName |  | string? | string / null |  |
| Email |  | string? | string / null |  |
| Content |  | string? | string / null |  |

***Contact (POST\*)***

Możliwe statusy:  
400 – błąd pobierania kontaktu   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| id |  | int |  |  |
| content |  | string |  |  |

***NewsletterController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Newsletter | /api/Newsletter | GET | POST | PUT |  |
| Subscriber | /api/Newsletter/Subscriber |  | POST |  |  |
| SEND | /api/Newsletter/SEND | GET |  |  |  |

***Newsletter***

Możliwe statusy:  
400 – błąd  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string? | string / null |  |
| Content |  | string? | string / null |  |
| PublicationDate |  | datetime | datetime |  |
| IsSent |  | bool? | bool |  |

***Subscriber (POST)***

Możliwe statusy:  
400 – błąd  
200 – ok (informacja zwrotna)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| email |  | string |  |  |

**Elementy na stronie**

***BannerController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Banner | /api/Banner | GET\* | POST | PUT | DELETE |

***Banner***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Path |  | string? | string / null |  |
| Title |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |

***CategoryElementsController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| CategoryElements | /api/CategoryElements | GET\* | POST | PUT | DELETE |

***CategoryElements***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Path |  | string? | string / null |  |
| Logo |  | string? | string / null |  |
| Content |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |
| Position |  | int? | int / null |  |
| CategoryID |  | int? | int / null |  |

***DiscountsBannerController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| DiscountsBanner | /api/ DiscountsBanner | GET\* | POST | PUT | DELETE |

***DiscountsBanner***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Header |  | string? | string / null |  |
| ButtonTitle |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |

***FooterColumnsController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| FooterColumns | /api/FooterColumns | GET\* | POST | PUT | DELETE |

***FooterColumns***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Position |  | int | int |  |
| HTMLObject |  | string | string |  |
| Direction |  | string | string |  |

***FooterLinksController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| FooterLinks | /api/FooterLinks | GET\* | POST | PUT | DELETE |
| Column | /api/FooterLinks/Column | GET\* |  |  |  |

***FooterLinks (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Path |  | string? | string / null |  |
| URL |  | string? | string / null |  |
| HTMLObject |  | string? | string / null |  |
| Position |  | int? | int / null |  |
| ColumnId |  | int | int |  |
| ColumnName |  | string? | string / null |  |
| ColumnPosition |  | int | int |  |

***FooterLinks (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – nocontent

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Path |  | string? | string / null |  |
| URL |  | string? | string / null |  |
| Position |  | int? | int / null |  |
| FooterColumnID |  | int? | int / null |  |

***FooterLinks (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – nocontent

***Column (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

GET(id) przyjmuje id elementu **Column**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| ColumnId |  | int | int |  |
| ColumnName |  | string? | string / null |  |
| ColumnPosition |  | int | int |  |
| HTMLObject |  | string? | string / null |  |
| FooterLinksList | Id | int | int |  |
|  | Name | string? | string / null |  |
|  | Path | string? | string / null |  |
|  | URL | string? | string / null |  |
|  | Position | int? | int / null |  |

***NavBarMenuLinksController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| NavBarMenuLinks | /api/NavBarMenuLinks | GET\* | POST | PUT | DELETE |

***NavBarMenuLinks***

Możliwe statusy:  
404 – nie znaleziono  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Path |  | string | string |  |
| Position |  | int | int |  |

***NewsController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| News | /api/News | GET\* | POST(e) | PUT(e) | DELETE(e) |
| Elements | /api/News/Elements | GET |  |  |  |

***NewsLinks (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Topic |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |

***NewsLinks (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Topic |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |
| Content |  | string? | string / null |  |
| AuthorName |  | string? | string / null |  |
| CreationDate |  | datetime |  |  |

***NewsLinks (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Topic |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |
| Content |  | string? | string / null |  |
| AuthorName |  | string? | string / null |  |

***NewsLinks (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – no content

***Elements (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

Możliwość wybrania ilości elementów za pomocą zapytania, przykład: **/api/News/Elements?numberOfElements=(ilość elementów)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Topic |  | string? | string / null |  |
| ImageTitle |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |

**Produkty**

***BookItems***

***AvailabilityController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Availability | /api/Availability | GET\* | POST | PUT | DELETE |

***Availability***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***EditionController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Edition | /api/Edition | GET\* | POST | PUT | DELETE |

***Edition***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***FileFormatController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| FileFormat | /api/FileFormat | GET\* | POST | PUT | DELETE |

***FileFormat***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***FormController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Form | /api/Form | GET\* | POST | PUT | DELETE |

***Form***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***BookItemsController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| BookItems | /api/BookItems | GET\* | POST | PUT | DELETE |
| Store | /api/BookItems/Store | GET\* |  |  |  |
| Carousel | /api/BookItems/Carousel | GET\* |  |  |  |

***BookItems (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| NettoPrice |  | decimal | decimal |  |
| ISBN |  | string? | string / null |  |
| FormName |  | string? | string / null |  |
| BookID |  | int? | int / null |  |
| BookTitle |  | string? | string / null |  |

***BookItems (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| BruttoPrice |  | decimal | decimal |  |
| NettoPrice |  | decimal | decimal |  |
| Tax |  | float | float |  |
| ISBN |  | string? | string / null |  |
| Pages |  | int | int |  |
| PublishingDate |  | datetime | datetime |  |
| TranslatorName |  | string? | string / null |  |
| LanguageName |  | string? | string / null |  |
| BookName |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| FileFormatName |  | string? | string / null |  |
| FormName |  | string? | string / null |  |
| AvailabilityName |  | string? | string / null |  |
| TranslatorID |  | int? | int / null |  |
| LanguageID |  | int? | int / null |  |
| BookID |  | int? | int / null |  |
| EditionID |  | int? | int / null |  |
| FileFormatID |  | int? | int / null |  |
| FormID |  | int? | int / null |  |
| AvailabilityID |  | int? | int / null |  |

***BookItems (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int |  |  |
| Tax |  | float |  |  |
| NettoPrice |  | decimal |  |  |
| ISBN |  | string? |  |  |
| PublishingDate |  | datetime |  |  |
| TranslatorID |  | int? |  |  |
| LanguageID |  | int? |  |  |
| BookID |  | int? |  |  |
| EditionID |  | int? |  |  |
| FileFormatID |  | int? |  |  |
| FormID |  | int? |  |  |
| AvailabilityID |  | int? |  |  |

***BookItems (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – no content

***Store (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

Możliwość wybrania filtrowania elementów za pomocą zapytania, przykład: **/api/BookItems/Store?BookId =(id elementu book)**Poniżej znajduje się tabela z możliwymi filtrami.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| ImageURL |  | string? | string / null |  |
| Title |  | string? | string / null |  |
| Price |  | decimal? | decimal / null |  |
| DiscountedBruttoPrice |  | decimal | decimal | W przypadku braku zniżki, wartość będzie = 0 |
| Score |  | double | double |  |
| FormId |  | int? | int / null |  |
| FormName |  | string? | string / null |  |
| FileFormatId |  | int? | int / null |  |
| FileFormatName |  | string? | string / null |  |
| EditionId |  | int? | int / null |  |
| EditionName |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

*Filtry*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| SearchPhrase |  | string? |  |  |
| AuthorIds |  | List<int?>? |  |  |
| CategoryIds |  | List<int?>? |  |  |
| FormIds |  | List<int?>? |  |  |
| PublisherIds |  | List<int?>? |  |  |
| LanguageIds |  | List<int?>? |  |  |
| ScoreValues |  | List<int?>? |  |  |
| AvailabilitiesIds |  | List<int?>? |  |  |
| PriceFrom |  | decimal? |  |  |
| PriceTo |  | decimal? |  |  |
| IsOnSale |  | bool? |  |  |
| SortBy |  | string? | „popular” „price” „alphabetical” „recentyAdded” |  |
| SortOrder |  | string? | „asc”  „desc” |  |
| NumberOfElements |  | int? |  |  |
| BookId |  | int? |  |  |

***Store (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| BookTitle |  | string? | string / null |  |
| BookId |  | int? | int / null |  |
| FormId |  | int? | int / null |  |
| Pages |  | int? | int / null |  |
| FormName |  | string? | string / null |  |
| Score |  | double? | double / null |  |
| Price |  | decimal | decimal |  |
| DiscountedBruttoPrice |  | decimal | decimal | W przypadku braku zniżki, wartość będzie = 0 |
| FileFormatName |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| PublisherName |  | string? | string / null |  |
| Language |  | string? | string / null |  |
| OriginalLanguage |  | string? | string / null |  |
| TranslatorName |  | string? | string / null |  |
| ISBN |  | string? | string / null |  |
| Description |  | string? | string / null |  |
| IsWishlisted |  | bool | bool |  |
| ReleaseDate |  | datetime | datetime |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |
| Categories | Id | int | int |  |
| Name | string | string |  |
| Images | Id | int | int |  |
| Title | string? | string / null |  |
| ImageURL | string? | string / null |  |
| Position | int? | int / null |  |
| ScoreValues |  | Dictionary<int, int> | <int, int> |  |

***Carousel (GET\*) <FormId>***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| ImageURL |  | string? | string / null |  |
| Title |  | string? | string / null |  |
| FormId |  | int? | int / null |  |
| FormName |  | string? | string / null |  |

***BookItemReviewController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| BookItemReview | /api/BookItemReview | GET (u\*) | POST (u) | PUT | DELETE |

***BookItemReview (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)  
Możliwość pobrania dowolnej liczby elementów (bookItemId, numberOfElements). Domyślnie pobierane są 4 elementy.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| CustomerName |  | string? | string / null |  |
| ScoreValue |  | int? | int / null |  |
| CreationDate |  | datetime | datetime |  |
| Content |  | string? | string / null |  |

***BookItemReview (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Content |  | string? | string / null |  |
| ScoreId |  | int? | int / null |  |
| BookItemId |  | int? | int / null |  |

***BookItemReview (POST)***

Możliwe statusy:  
400 – błąd   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int |  |  |
| Content |  | string? |  |  |
| ScoreId |  | int? |  |  |
| BookItemId |  | int? |  |  |

***DiscountCodesController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| DiscountCodes | /api/DiscountCodes | GET\* | POST | PUT | DELETE |

***DiscountCodes (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Code |  | string? | string / null |  |
| PercentOfDiscount |  | decimal | decimal |  |
| IsAvailable |  | bool | bool |  |
| Description |  | string? | string / null |  |

***DiscountCodes (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Code |  | string | string |  |
| PercentOfDiscount |  | decimal | decimal |  |
| IsAvailable |  | bool | bool |  |
| Description |  | string | string |  |
| ExpiryDate |  | datetime | datetime |  |
| StartingDate |  | datetime | datetime |  |

***DiscountCodes (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – nocontent

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int |  |  |
| Code |  | string? |  |  |
| PercentOfDiscount |  | decimal |  |  |
| Description |  | string? |  |  |
| ExpiryDate |  | datetime |  |  |
| StartingDate |  | datetime |  |  |

***DiscountCodes (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – no content

***DiscountController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Discount | /api/Discount | GET\* | POST | PUT | DELETE |

***Discount (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string? | string / null |  |
| PercentOfDiscount |  | decimal | decimal |  |
| IsAvailable |  | bool | bool |  |
| Description |  | string? | string / null |  |

***Discount (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string? | string / null |  |
| PercentOfDiscount |  | decimal | decimal |  |
| IsAvailable |  | bool | bool |  |
| Description |  | string? | string / null |  |
| ExpiryDate |  | datetime | datetime |  |
| StartingDate |  | datetime | datetime |  |
| ListOfBookItems | Id | int | int |  |
| NettoPrice | decimal | decimal |  |
| ISBN | string? | string / null |  |
| FormName | string? | string / null |  |
| BookID | int? | int / null |  |
| BookTitle | string? | string / null |  |

***Discount (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – nocontent

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int |  |  |
| Title |  | string? |  |  |
| PercentOfDiscount |  | decimal |  |  |
| Description |  | string? |  |  |
| ExpiryDate |  | datetime |  |  |
| StartingDate |  | datetime |  |  |
| ListOfBookItems | Id | int? |  |  |

***Discount (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – no content

***ReservationsController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Reservations | /api/Reservations | GET\* |  |  |  |
| Reservations/Store | /api/Reservations/Store | GET | POST |  | DELETE |

***Reservations (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| CustomerId |  | int | int |  |
| CustomerEmail |  | int | int |  |
| NumberOfReservations |  | int | int |  |

***Reservations (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Key 4** | **Typ** | **Możliwe wartości** | **Opis** |
| CustomerId |  |  |  | int | int |  |
| ReservationList | PositionInQueue |  |  | int | int |  |
| Item | ImageURL |  | string? | string / null |  |
| Title |  | string? | string / null |  |
| Price |  | decimal? | decimal / null |  |
| Score |  | double | double |  |
| FormName |  | string? | string / null |  |
| FileFormatName |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***Reservations/Store (GET)***

Możliwe statusy:  
401 – brak autoryzacji   
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| PositionInQueue |  |  | int | int |  |
| Item | ImageURL |  | string? | string / null |  |
| Title |  | string? | string / null |  |
| Price |  | decimal? | decimal / null |  |
| Score |  | double | double |  |
| FormName |  | string? | string / null |  |
| FileFormatName |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***Reservations/Store (POST) <bookitemid>***

Możliwe statusy:  
401 – brak autoryzacji  
400 – błąd   
204 – nocontent

Można zarezerwować tylko produkt którego availabilityid = 2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |

***Reservations/Store (DELETE) <bookitemid>***

Możliwe statusy:  
401 – brak autoryzacji  
400 – błąd podczas pobierania użytkownika   
204 – no content

***StockAmountController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| StockAmount | /api/StockAmount | GET\* |  |  |  |

***StockAmount (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Amount |  | int | int |  |
| BookItemID |  | int? | int / null |  |
| BookTitle |  | string? | string / null |  |

***Books***

***AuthorController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Author | /api/Author | GET\* | POST | PUT | DELETE |

***Author***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Surname |  | string | string |  |
| Description |  | string | string |  |

***CategoryController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Category | /api/Category | GET\* | POST | PUT | DELETE |

***Category***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Surname |  | string | string |  |
| Description |  | string | string |  |

***LanguageController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Language | /api/Language | GET\* | POST | PUT | DELETE |

***Language***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***PublisherController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Publisher | /api/Publisher | GET\* | POST | PUT | DELETE |

***Publisher***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Description |  | string? | string / null |  |

***ScoreController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Score | /api/Score | GET\* | POST | PUT | DELETE |

***Score***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Value |  | int | int |  |

***TranslatorController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Translator | /api/Translator | GET\* | POST | PUT | DELETE |

***Translator***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Surname |  | string | string |  |

***BookController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Book | /api/Book | GET\* | POST | PUT | DELETE |

***Book (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string | string |  |
| PublisherName |  | string | string |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***Book (GET\*)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Title |  | string? | string / null |  |
| Description |  | string? | string / null |  |
| OriginalLanguageID |  | int? | int / null |  |
| OriginalLanguageName |  | string? | string / null |  |
| PublisherID |  | int? | int / null |  |
| PublisherName |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |
| Categories | Id | int | int |  |
| Name | string | string |  |
| Images | Id | int | int |  |
|  | Title | string? | string / null |  |
|  | ImageURL | string? | string / null |  |
|  | Position | int? | int / null |  |

***Book (POST/PUT)***

Możliwe statusy:  
400 – błąd   
204 – no content

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int? |  |  |
| Title |  | string |  |  |
| Description |  | string |  |  |
| OriginalLanguageID |  | int? |  |  |
| PublisherID |  | int? |  |  |
| ListOfBookAuthors | Id | int? |  |  |
| ListOfBookCategories | Id | int? |  |  |
| ListOfBookImages | Id | int |  |  |
| Title | string? |  |  |
| ImageURL | string? |  |  |
| Position | int? |  |  |

***Book (DELETE)***

Możliwe statusy:  
400 – błąd   
204 – no content

**Wypożyczenia**

***RentalStatusController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| RentalStatus | /api/RentalStatus | GET\* | POST | PUT | DELETE |

***RentalStatus***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***RentalTypeController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| RentalType | /api/RentalType | GET\* | POST | PUT | DELETE |

***RentalType***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Days |  | int | int |  |
| Price |  | decimal | decimal |  |

***RentalController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Rental | /api/Rental | GET (u) | POST (u) |  |  |

***Rental (GET) <rentalStatusId>***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)   
Możliwość przefiltrowania wyniku Rental poprzez dodanie do zapytania ?rentalStatusId=(tutaj 1 albo 2), pozostawienie zapytania samego /api/Rental zwróci wszystkie wyniki.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| BookItemId |  | int? | int / null |  |
| BookTitle |  | string? | string / null |  |
| FileFormatName |  | string? | string / null |  |
| ImageURL |  | string? | string / null |  |
| ExpirationDate |  | datetime | datetime |  |

***Rental (POST)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| StartDate |  | datetime | datetime |  |
| BookItemID |  | int? | int / null |  |
| PaymentMethodID |  | int? | int / null |  |
| RentalTypeID |  | int? | int / null |  |

**Dostawcy**

***DeliveryStatusController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| DeliveryStatus | /api/DeliveryStatus | GET\* | POST | PUT | DELETE |

***DeliveryStatus***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***SupplierController (NIE SKOŃCZONE)***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Supplier | /api/Supplier | GET\* | POST | PUT | DELETE |

***Supplier***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

**Transakcje**

***PaymentMethodController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| PaymentMethod | /api/PaymentMethod | GET\* | POST | PUT | DELETE |

***PaymentMethod***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***TransactionsStatusController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| TransactionsStatus | /api/TransactionsStatus | GET\* | POST | PUT | DELETE |

***TransactionsStatus***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

**Wishlisty**

***WishlistController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Wishlist | /api/Wishlist | GET\* (u) |  |  |  |
| Item | /api/Wishlist/Item |  | POST |  |  |

***Wishlist (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| wishlistGuid |  | Guid |  | Zwraca unikalny ciąg znaków dla wishlisty. |

***Wishlist (GET\*) <Guid>***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

Przyjmuje Guid i zwraca elementy wishlisty.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  |  | int | int |  |
| FullPrice |  |  | decimal? | decimal / null |  |
| IsPublic |  |  | bool | bool |  |
| Items | Id |  | int | int |  |
| FormId |  | int? | int / null |  |
| FormName |  | string? | string / null |  |
| FileFormatName |  | string? | string / null |  |
| BookTitle |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| PriceBrutto |  | decimal? | decimal / null |  |
| ImageURL |  | string? | string / null |  |
| authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***Item (POST)***

Możliwe statusy:  
400 – błąd   
204 – nocontent

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| bookItemId |  | int | int |  |
| isWishlisted |  | bool | bool |  |

**Zamówienia**

***DeliveryMethodController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| DeliveryMethod | /api/DeliveryMethod | GET\* | POST | PUT | DELETE |

***DeliveryMethod***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Price |  | decimal | decimal |  |

***OrderStatusController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| OrderStatus | /api/OrderStatus | GET\* | POST | PUT | DELETE |

***OrderStatus***

Możliwe statusy:  
400 – błąd  
204 – no content  
200 – ok (dane zwrotne)  
200 – ok

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  | int | int |  |
| Name |  | string? | string / null |  |

***OrderController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| Order | /api/Order | GET\* |  |  |  |

***Order (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  |  | int | int |  |
| FullBruttoPrice |  |  | decimal | decimal |  |
| OrderItems | Id |  | int | int |  |
| FormName |  | string? | string / null |  |
| BookTitle |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| PriceBrutto |  | decimal? | decimal / null |  |
| FullPriceBrutto |  | decimal? | decimal / null |  |
| Quantity |  | int? | int / null |  |
| ImageURL |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

***Order (GET\*)***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Key 3** | **Typ** | **Możliwe wartości** | **Opis** |
| Id |  |  | int | int |  |
| FullBruttoPrice |  |  | decimal | decimal |  |
| OrderDate |  |  | datetime | datetime |  |
| DeliveryMethod | Id |  | int | int |  |
| Name |  | string | string |  |
| Price |  | decimal | decimal |  |
| OrderStatus | Id |  | int | int |  |
| Name |  | string | string |  |
| Payment | Id |  | int | int |  |
| Amount |  | decimal | decimal |  |
| PaymentDate |  | datetime | datetime |  |
| PaymentMethod | Id | int | int |  |
| Name | string | string |  |
| TransactionStatus | Id | int | int |  |
| Name | string | string |  |
| Customer | Id |  | int | int |  |
| Name |  | string? | string / null |  |
| Surname |  | string? | string / null |  |
| Email |  | string? | string / null |  |
| OrderItems | Id |  | int | int |  |
| FormName |  | string? | string / null |  |
| BookTitle |  | string? | string / null |  |
| EditionName |  | string? | string / null |  |
| PriceBrutto |  | decimal? | decimal / null |  |
| FullPriceBrutto |  | decimal? | decimal / null |  |
| Quantity |  | int? | int / null |  |
| ImageURL |  | string? | string / null |  |
| Authors | Id | int | int |  |
| Name | string | string |  |
| Surname | string | string |  |

CMS

***CMSController***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Zasoby*** | ***URL*** | ***Dostępne opcje*** | | | |
| WeeklySummary | /api/CMS/WeeklySummary | GET |  |  |  |

***WeeklySummary (GET)***

Możliwe statusy:  
400 – błąd   
200 – ok (dane zwrotne)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Key 1** | **Key 2** | **Typ** | **Możliwe wartości** | **Opis** |
| NumberOfOrdersThisWeek |  | int | int |  |
| NumberOfRentalsThisWeek |  | int | int |  |
| NumberOfReservationsThisWeek |  | int | int |  |