

Aplikacja posiada następujące *endpointy* wraz z rolami, które mają do nich dostęp:

1) Authorities (ROLE_ADMIN)

- `/api/authorities/{username}`

GET

`http://localhost:8080/api/authorities/jankow`

Odpowiedź:

```
[
  "ROLE_USER"
]
```

- `/api/authorities`

POST:

`http://localhost:8080/api/authorities`

```
{
  "primaryKey": {
    "user": {
      "username": "jankow"
    },
    "authority": "ROLE_ADMIN"
  }
}
```

Nowa *rola* dla użytkownika *jankow* została dodana do bazy danych:

username	authority
admin	ROLE_ADMIN
jankow	ROLE_ADMIN
jankow	ROLE_USER
marnow	ROLE_USER
HULL	HULL

- `/api/authorities/{username}/{authority}`

DELETE:

`http://localhost:8080/api/authorities/jankow/ROLE_ADMIN`

Rekord z *rolą* *ROLE_ADMIN* został usunięty dla użytkownika *jankow*:

username	authority
admin	ROLE_ADMIN
jankow	ROLE_USER
marnow	ROLE_USER
HULL	HULL

2) Users (ROLE_ADMIN)

- `/api/users`

GET:

`http://localhost:8080/api/users`

Odpowiedź:

```
[
  {
    "username": "admin",
    "password": "{bcrypt}$2a$10$XE474aijzJdmCA2PbKtS3unuskxgRK7KB7Qan3EGh5wuvMwL/XFGK",
    "enabled": true
  },
  {
    "username": "jankow",
    "password": "{bcrypt}$2a$10$QKS8t0PHPrf1.yGNrzJZW.ynoA1HaR3a6.RB5ZxCKcLO.MTfjuFG",
    "enabled": true
  },
  {
    "username": "marnow",
    "password": "{bcrypt}$2a$10$s58aGQwIHtF7LTlr7mhFa01ubD3/0CtHE/Vhx.W5yui8X3cSnsFM.",
    "enabled": true
  }
]
```

- **/api/register** (dostęp bez autoryzacji)

POST:

http://localhost:8080/api/register

```
{
  "username": "kryjan",
  "password": "krysia1234",
  "enabled": 1
}
```

username	password	enabled
admin	{bcrypt}\$2a\$10\$XEA74ajzJdmCA2PbKtS3unus...	1
jankow	{bcrypt}\$2a\$10\$QKS8t0PHPrfl.yGNrzJZW.yno/...	1
kryjan	{bcrypt}\$2a\$10\$R/mJ31MlgS8c/EBOz7qusjeTj...	1
marnow	{bcrypt}\$2a\$10\$s5BaGQwIHtF7LTlr7mhFaO1u...	1
NULL	NULL	NULL

- **/api/users/{username}**

GET:

http://localhost:8080/api/users/jankow

Odpowiedź:

```
{
  "username": "jankow",
  "password": "{bcrypt}$2a$10$QKS8t0PHPrfl.yGNrzJZW.yno/AlHaR3a6.RB5ZxCKcLO.MTfjuFG",
  "enabled": true
}
```

DELETE:

http://localhost:8080/api/users/kryjan

username	password	enabled
admin	{bcrypt}\$2a\$10\$XEA74ajzJdmCA2PbKtS3unus...	1
jankow	{bcrypt}\$2a\$10\$QKS8t0PHPrfl.yGNrzJZW.yno/...	1
marnow	{bcrypt}\$2a\$10\$s5BaGQwIHtF7LTlr7mhFaO1u...	1
NULL	NULL	NULL

3) Customers (ROLE_USER, ROLE_ADMIN)

- **/api/customers**

GET:

http://localhost:8080/api/customers

Odpowiedź:

```
[
  {
    "id": 12,
    "firstName": "Witold",
    "lastName": "Mroczka",
    "phoneNumber": 222333444,
    "address": "Czerwona 2/43, Warszawa 23-321",
    "email": "witek.mroczka@gmail.com"
  }
]
```

POST:

http://localhost:8080/api/customers

```
{
  "firstName": "Krystyna",
  "lastName": "Janda",
  "phoneNumber": 555666777,
  "address": "Polna 45/13, Warszawa 32-329",
  "email": "krysia.janda@gmail.com"
}
```

id	first_name	last_name	phone_number	address	email
12	Witold	Mrocza	222333444	Czerwona 2/43, Warszawa 23-321	witek.mrocza@gmail.com
13	Krystyna	Janda	555666777	Polna 45/13, Warszawa 32-329	krystyna.janda@gmail.com
NULL	NULL	NULL	NULL	NULL	NULL

- `/api/customers/{customerId}`

GET:

`http://localhost:8080/api/customers/12`

Odpowiedź:

```
{
  "id": 12,
  "firstName": "Witold",
  "lastName": "Mrocza",
  "phoneNumber": 222333444,
  "address": "Czerwona 2/43, Warszawa 23-321",
  "email": "witek.mrocza@gmail.com"
}
```

PUT:

`http://localhost:8080/api/customers/12`

```
{
  "email": "mrocza.witek@gmail.com"
}
```

id	first_name	last_name	phone_number	address	email
12	Witold	Mrocza	222333444	Czerwona 2/43, Warszawa 23-321	mrocza.witek@gmail.com
NULL	NULL	NULL	NULL	NULL	NULL

DELETE:

`http://localhost:8080/api/customers/13`

id	first_name	last_name	phone_number	address	email
12	Witold	Mrocza	222333444	Czerwona 2/43, Warszawa 23-321	mrocza.witek@gmail.com
NULL	NULL	NULL	NULL	NULL	NULL

4) Employees (ROLE_USER, ROLE_ADMIN)

- `/api/employees`

GET:

`http://localhost:8080/api/employees`

Odpowiedź:

```
[
  {
    "id": 5,
    "firstName": "Mariusz",
    "lastName": "Nowak",
    "peselNumber": "92031054451",
    "phoneNumber": 321321321,
    "address": "Cmentarna 12/21, Warszawa 43-323",
    "email": "mariusz.nowak@gmail.com",
    "user": {
      "username": "marnow",
      "password": "{bcrypt}$2a$10$58aGQwIHtF7LTlr7mhFa01ubD3/0CtHE/Vhx.W5yui8X3cSnsFM.",
      "enabled": true
    }
  },
  {
    "id": 6,
    "firstName": "Jan",
    "lastName": "Kowalski",
    "peselNumber": "89100264231",
    "phoneNumber": 123123123,
    "address": "Uroczna 2/13, Warszawa 21-123",
    "email": "janekowalski@gmail.com",
    "user": {
      "username": "jankow",
      "password": "{bcrypt}$2a$10$QKS8t0PHPrf1.yGNrzJJW.yno/AlHaR3a6.RB5ZxCkcLO.MTfjufG",
      "enabled": true
    }
  }
]
```

POST:

http://localhost:8080/api/employees

```
{
  "firstName": "Marcin",
  "lastName": "Stopyra",
  "peselNumber": "87120356251",
  "phoneNumber": 789789789,
  "address": "Zielona 32/1, Warszawa 41-301",
  "email": "marcin.stopyra@gmail.com"
}
```

Odpowiedź:

id	first_name	last_name	pesel_number	phone_number	address	email	username
5	Mariusz	Nowak	92031054451	321321321	Cmentarna 12/21, Warszawa 43-323	mariusz.nowak@gmail.com	marnow
6	Jan	Kowalski	89100264231	123123123	Uroczna 2/13, Warszawa 21-123	janekowalski@gmail.com	jankow
7	Marcin	Stopyra	87120356251	789789789	Zielona 32/1, Warszawa 41-301	marcin.stopyra@gmail.com	marsto
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

- /api/employees/{employeeId}

PUT:

http://localhost:8080/api/employees/7

```
{
  "user": {
    "username": "marsto",
    "password": "marcin123",
    "enabled": 1
  }
}
```

id	first_name	last_name	pesel_number	phone_number	address	email	username
5	Mariusz	Nowak	92031054451	321321321	Cmentarna 12/21, Warszawa 43-323	mariusz.nowak@gmail.com	marnow
6	Jan	Kowalski	89100264231	123123123	Uroczna 2/13, Warszawa 21-123	janekowalski@gmail.com	jankow
7	Marcin	Stopyra	87120356251	789789789	Zielona 32/1, Warszawa 41-301	marcin.stopyra@gmail.com	marsto
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

GET:

http://localhost:8080/api/employees/7

Odpowiedź:

```
{
  "id": 7,
  "firstName": "Marcin",
  "lastName": "Stopyra",
  "peselNumber": "87120356251",
  "phoneNumber": 789789789,
  "address": "Zielona 32/1, Warszawa 41-301",
  "email": "marcin.stopyra@gmail.com",
  "user": {
    "username": "marsto",
    "password": "{bcrypt}$2a$10$w68d1EeH1hdd62eHBCTwEueuSxjytSpzo1U9jySspGDWge02pFOri",
    "enabled": true
  }
}
```

DELETE:

http://localhost:8080/api/employees/7

id	first_name	last_name	pesel_number	phone_number	address	email	username
5	Mariusz	Nowak	92031054451	321321321	Cmentarna 12/21, Warszawa 43-323	mariusz.nowak@gmail.com	marnow
6	Jan	Kowalski	89100264231	123123123	Uroczna 2/13, Warszawa 21-123	janekowalski@gmail.com	jankow
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

5) Services (ROLE_USER, ROLE_ADMIN)

- /api/services

GET:

http://localhost:8080/api/services

Odpowiedź:

```
[
  {
    "id": 1,
    "name": "Gym",
    "price": 120
  },
  {
    "id": 2,
    "name": "Swimming pool",
    "price": 90
  },
  {
    "id": 3,
    "name": "Personal training",
    "price": 20
  }
]
```

POST:

http://localhost:8080/api/services

```
{
  "name": "Tennis",
  "price": 85
}
```

id	name	price
1	Gym	120
2	Swimming pool	90
3	Personal training	20
4	Tennis	85
NULL	NULL	NULL

- /api/services/{serviceId}

GET:

http://localhost:8080/api/services/4

Odpowiedź:

```
{
  "id": 4,
  "name": "Tennis",
  "price": 85
}
```

PUT:

http://localhost:8080/api/services/4

```
{
  "price": 70
}
```

id	name	price
1	Gym	120
2	Swimming pool	90
3	Personal training	20
4	Tennis	70
NULL	NULL	NULL

DELETE:

http://localhost:8080/api/services/4

id	name	price
1	Gym	120
2	Swimming pool	90
3	Personal training	20
NULL	NULL	NULL

6) Purchases (ROLE_USER, ROLE_ADMIN)

- /api/purchases

GET:

http://localhost:8080/api/purchases

Odpowiedź:

```
[
  {
    "id": 2,
    "purchaseDate": "2018-11-25",
    "services": [
      {
        "id": 1,
        "name": "Gym",
        "price": 120
      },
      {
        "id": 2,
        "name": "Swimming pool",
        "price": 90
      }
    ],
    "purchaseEmployee": "Nowak Mariusz",
    "purchaseCustomer": "Mroczka Witold"
  },
  {
    "id": 3,
    "purchaseDate": "2018-11-24",
    "services": [
      {
        "id": 3,
        "name": "Personal training",
        "price": 20
      }
    ],
    "purchaseEmployee": "Kowalski Jan",
    "purchaseCustomer": "Mroczka Witold"
  }
]
```

POST:

http://localhost:8080/api/purchases

```
{
  "purchaseDate": "2018-11-27",
  "services": [
    {
      "id": 1
    }
  ],
  "employee": {
    "id": 5
  },
  "customer": {
    "id": 12
  }
}
```

id	customer_id	employee_id	purchase_date
2	12	5	2018-11-25
3	12	6	2018-11-24
4	12	5	2018-11-27
NULL	NULL	NULL	NULL

purchase_id	service_id
2	1
4	1
2	2
3	3
NULL	NULL

- /api/purchases/employee/{employeeId}

GET:

http://localhost:8080/api/purchases/employee/5

Odpowiedź:

```
[
  {
    "id": 2,
    "purchaseDate": "2018-11-25",
    "services": [
      {
        "id": 1,
        "name": "Gym",
        "price": 120
      },
      {
        "id": 2,
        "name": "Swimming pool",
        "price": 90
      }
    ],
    "purchaseEmployee": "Nowak Mariusz",
    "purchaseCustomer": "Mroczka Witold"
  },
  {
    "id": 4,
    "purchaseDate": "2018-11-27",
    "services": [
      {
        "id": 1,
        "name": "Gym",
        "price": 120
      }
    ],
    "purchaseEmployee": "Nowak Mariusz",
    "purchaseCustomer": "Mroczka Witold"
  }
]
```

- /api/purchases/customer/{customerId}

GET:

http://localhost:8080/api/purchases/customer/12

Odpowiedź:

```
[
  {
    "id": 2,
    "purchaseDate": "2018-11-25",
    "services": [
      {
        "id": 1,
        "name": "Gym",
        "price": 120
      },
      {
        "id": 2,
        "name": "Swimming pool",
        "price": 90
      }
    ],
    "purchaseEmployee": "Nowak Mariusz",
    "purchaseCustomer": "Mroczka Witold"
  },
  {
    "id": 4,
    "purchaseDate": "2018-11-27",
    "services": [
      {
        "id": 1,
        "name": "Gym",
        "price": 120
      }
    ],
    "purchaseEmployee": "Nowak Mariusz",
    "purchaseCustomer": "Mroczka Witold"
  },
  {
    "id": 3,
    "purchaseDate": "2018-11-24",
    "services": [
      {
        "id": 3,
        "name": "Personal training",
        "price": 20
      }
    ],
    "purchaseEmployee": "Kowalski Jan",
    "purchaseCustomer": "Mroczka Witold"
  }
]
```

- **/api/purchases/{purchaseId}**
GET:
http://localhost:8080/api/purchases/4

Odpowiedź:

```
{
  "id": 4,
  "purchaseDate": "2018-11-27",
  "services": [
    {
      "id": 1,
      "name": "Gym",
      "price": 120
    }
  ],
  "purchaseEmployee": "Nowak Mariusz",
  "purchaseCustomer": "Mroczka Witold"
}
```

7) Settings (ROLE_USER, ROLE_ADMIN)

- **/api/settings**
POST:
http://localhost:8080/api/settings

```
{
  "primaryKey": {
    "user": {
      "username": "jankow"
    },
    "setting": "font"
  },
  "value": "ARIAL"
}
```

username	setting	value
admin	language	POL
admin	Text size	12
admin	theme	RED
jankow	font	ARIAL
jankow	language	POL
jankow	Text size	8
jankow	Theme	BLUE
marnow	language	POL
marnow	Text size	10
marnow	theme	DARK BLUE
NULL	NULL	NULL

- **/api/settings/{username}**
GET:
http://localhost:8080/api/settings/jankow

Odpowiedź:

```
{
  "Text size": "8",
  "Theme": "BLUE",
  "language": "POL",
  "font": "ARIAL"
}
```

- **/api/settings/{username}/{setting}**
GET:
http://localhost:8080/api/settings/jankow/font

Odpowiedź:

```
ARIAL
```

- **/api/settings/{username}/{setting}**
DELETE:
http://localhost:8080/api/settings/jankow/font

username	setting	value
admin	language	POL
admin	Text size	12
admin	theme	RED
jankow	language	POL
jankow	Text size	8
jankow	Theme	BLUE
marnow	language	POL
marnow	Text size	10
marnow	theme	DARK BLUE
NULL	NULL	NULL

8) Languages (ROLE_ADMIN)

- **/api/languages**

GET:

<http://localhost:8080/api/languages>

Odpowiedź:

```
[
  {
    "code": "GBR",
    "lang": "english"
  },
  {
    "code": "POL",
    "lang": "polish"
  },
  {
    "code": "USA",
    "lang": "english"
  }
]
```

POST:

<http://localhost:8080/api/languages>

```
{
  "code": "FRA",
  "lang": "french"
}
```

code	lang
FRA	french
GBR	english
POL	polish
USA	english
NULL	NULL

- **/api/languages/{langCode}**

GET:

<http://localhost:8080/api/languages/FRA>

Odpowiedź:

```
{
  "code": "FRA",
  "lang": "french"
}
```

DELETE:

<http://localhost:8080/api/languages/FRA>

code	lang
GBR	english
POL	polish
USA	english
NULL	NULL

9) StaticTexts (ROLE_ADMIN)

- **/api/staticTexts**

GET:

http://localhost:8080/api/staticTexts

Odpowiedź:

```
[
  {
    "content": "Add new customer.",
    "name": "addCustomer",
    "language": {
      "code": "GBR",
      "lang": "english"
    }
  },
  {
    "content": "Dodaj klienta.",
    "name": "addCustomer",
    "language": {
      "code": "POL",
      "lang": "polish"
    }
  },
  {
    "content": "Add new customer.",
    "name": "addCustomer",
    "language": {
      "code": "USA",
      "lang": "english"
    }
  },
  {
    "content": "Prepare data for invoice.",
    "name": "prepInvoiceData",
    "language": {
      "code": "GBR",
      "lang": "english"
    }
  },
  {
    "content": "Przygotuj dane do faktury.",
    "name": "prepInvoiceData",
    "language": {
      "code": "POL",
      "lang": "polish"
    }
  },
  {
    "content": "Prepare data for invoice.",
    "name": "prepInvoiceData",
    "language": {
      "code": "USA",
      "lang": "english"
    }
  }
]
```

POST:

http://localhost:8080/api/staticTexts

```
{
  "primaryKey": {
    "language": {
      "code": "POL"
    },
    "name": "addService"
  },
  "content": "Dodaj nowa oferte"
}
```

name	lang_code	content
addCustomer	GBR	Add new customer.
addCustomer	POL	Dodaj klienta.
addCustomer	USA	Add new customer.
addService	POL	Dodaj nowa oferte
prepInvoiceData	GBR	Prepare data for invoice.
prepInvoiceData	POL	Przygotuj dane do faktury.
prepInvoiceData	USA	Prepare data for invoice.
NULL	NULL	NULL

- /api/staticTexts/{name}/{langCode}

GET:

http://localhost:8080/api/staticTexts/addService/POL

Odpowiedź:

```
{
  "content": "Dodaj nowa oferte",
  "name": "addService",
  "language": {
    "code": "POL",
    "lang": "polish"
  }
}
```

DELETE:

http://localhost:8080/api/staticTexts/addService/POL

name	lang_code	content
addCustomer	GBR	Add new customer.
addCustomer	POL	Dodaj klienta.
addCustomer	USA	Add new customer.
prepInvoiceData	GBR	Prepare data for invoice.
prepInvoiceData	POL	Przygotuj dane do faktury.
prepInvoiceData	USA	Prepare data for invoice.
NULL	NULL	NULL

10) Files (ROLE_ADMIN)

- /api/files

GET:

http://localhost:8080/api/files

Odpowiedź:

```
[
  {
    "id": 2,
    "name": "99ee6271-3a39-487d-a536-e66d6e5ee8b1",
    "originalName": "plan.xls",
    "size": 128512,
    "path": "C:\\Users\\M\\Desktop\\Bazy Danych\\ObiektSportowy\\files\\99ee6271-3a39-487d-a536-e66d6e5ee8b1",
    "contentType": "application/vnd.ms-excel"
  }
]
```

POST:

POST http://localhost:8080/api/files

Params Authorization Headers (2)

none form-data x-www-form-urlencoded

KEY	VALUE
<input checked="" type="checkbox"/> multipartFile	Wybierz pliki eski.txt

id	name	original_name	size	path	content_type
2	99ee6271-3a39-487d-a536-e66d6e5ee8b1	plan.xls	128512	C:\Users\M\Desktop\Bazy Danych\ObiektSportowy\files\99ee6271-3a39-487d-a536-e66d6e5ee8b1	application/vnd.ms-excel
3	9ad716ca-5ab1-4cb5-8dc5-7670ba77f8ee	eski.txt	328	C:\Users\M\Desktop\Bazy Danych\ObiektSportowy\files\9ad716ca-5ab1-4cb5-8dc5-7670ba77f8ee	text/plain
NULL	NULL	NULL	NULL	NULL	NULL

Bazy Danych > ObiektSportowy > files

Umieść w bibliotece Udostępnij Nowy folder

	Nazwa	Data modyfikacji	Typ	Rozmiar
one				
atnie miejsca	9ad716ca-5ab1-4cb5-8dc5-7670ba77f8ee	2018-11-27 17:48	Plik	1 KB
rane	99ee6271-3a39-487d-a536-e66d6e5ee8b1	2018-11-25 16:37	Plik	126 KB

- /api/files/{fileId}

GET:

http://localhost:8080/api/files/3


Odpowiedź:

```
{
  "id": 3,
  "name": "9ad716ca-5ab1-4cb5-8dc5-7670ba77f8ee",
  "originalName": "eski.txt",
  "size": 328,
  "path": "C:\\Users\\M\\Desktop\\Bazy Danych\\ObiektSportowy\\files\\9ad716ca-5ab1-4cb5-8dc5-7670ba77f8ee",
  "contentType": "text/plain"
}
```

DELETE:

http://localhost:8080/api/files/3

id	name	original_name	size	path	content_type
2	99ee6271-3a39-487d-a536-e66d6e5ee8b1	plan.xls	128512	C:\\Users\\M\\Desktop\\Bazy Danych\\ObiektSporto...	application/vnd.ms-excel
NULL	NULL	NULL	NULL	NULL	NULL

one	Nazwa	Data modyfikacji	Typ	Rozmiar
atnie miejsca	 99ee6271-3a39-487d-a536-e66d6e5ee8b1	2018-11-25 16:37	Plik	126 KB
irane				

11) ChangeLogs (ROLE_ADMIN)

- /api/changeLogs

POST:

http://localhost:8080/api/changeLogs

```
{
  "date": "2018-11-27",
  "changes": "Dodanie możliwości rejestracji użytkowników oraz przypisania im roli"
}
```

date	changes
2018-11-27	Dodanie możliwości rejestracji użytkowników or...
NULL	NULL

GET:

http://localhost:8080/api/changeLogs

Odpowiedź:

```
[
  {
    "date": "2018-11-27",
    "changes": "Dodanie możliwości rejestracji użytkowników oraz przypisania im roli"
  }
]
```

- /api/changeLogs/{year}/{month}/{day}

GET:

http://localhost:8080/api/changeLogs/2018/11/27

Odpowiedź:

```
{
  "date": "2018-11-27",
  "changes": "Dodanie możliwości rejestracji użytkowników oraz przypisania im roli"
}
```

DELETE:

http://localhost:8080/api/changeLogs/2018/11/27

date	changes
NULL	NULL