

Приложение для составления собственного меню

2024

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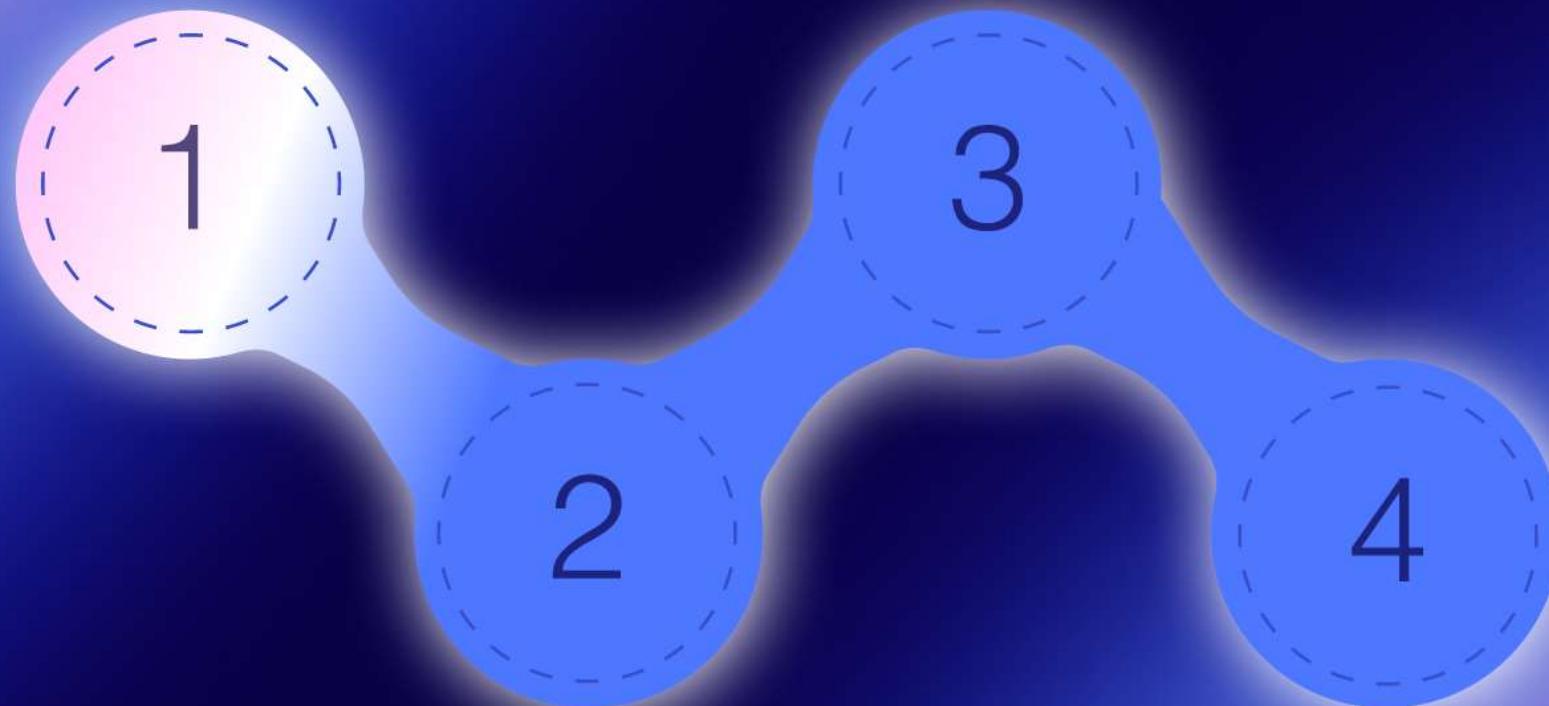


**Приложение писалось с целью облегчить
выбор личного меню для каждого человека**

**Клиент сможет получить себе-стоимость
каждого блюда**

Инфраструктура приложения

Едадил







4.28.0



4.28.0



17.0



4.28.0



PostgreSQL

17.0



Liquibase

4.25



4.28.0



17.0



4.25



3.0.0



4.28.0



17.0



4.25



3.0.0



Grafana

11.3.1



4.28.0



17.0



4.25



3.0.0



Grafana

11.3.1



3.3.4



4.28.0



17.0



4.25



3.0.0



Grafana

11.3.1



3.3.4



Spring Data

3.3.2



4.28.0



17.0



4.25



3.0.0



Grafana

11.3.1

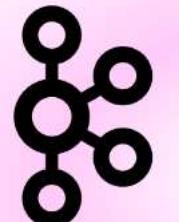


3.3.4



Spring Data

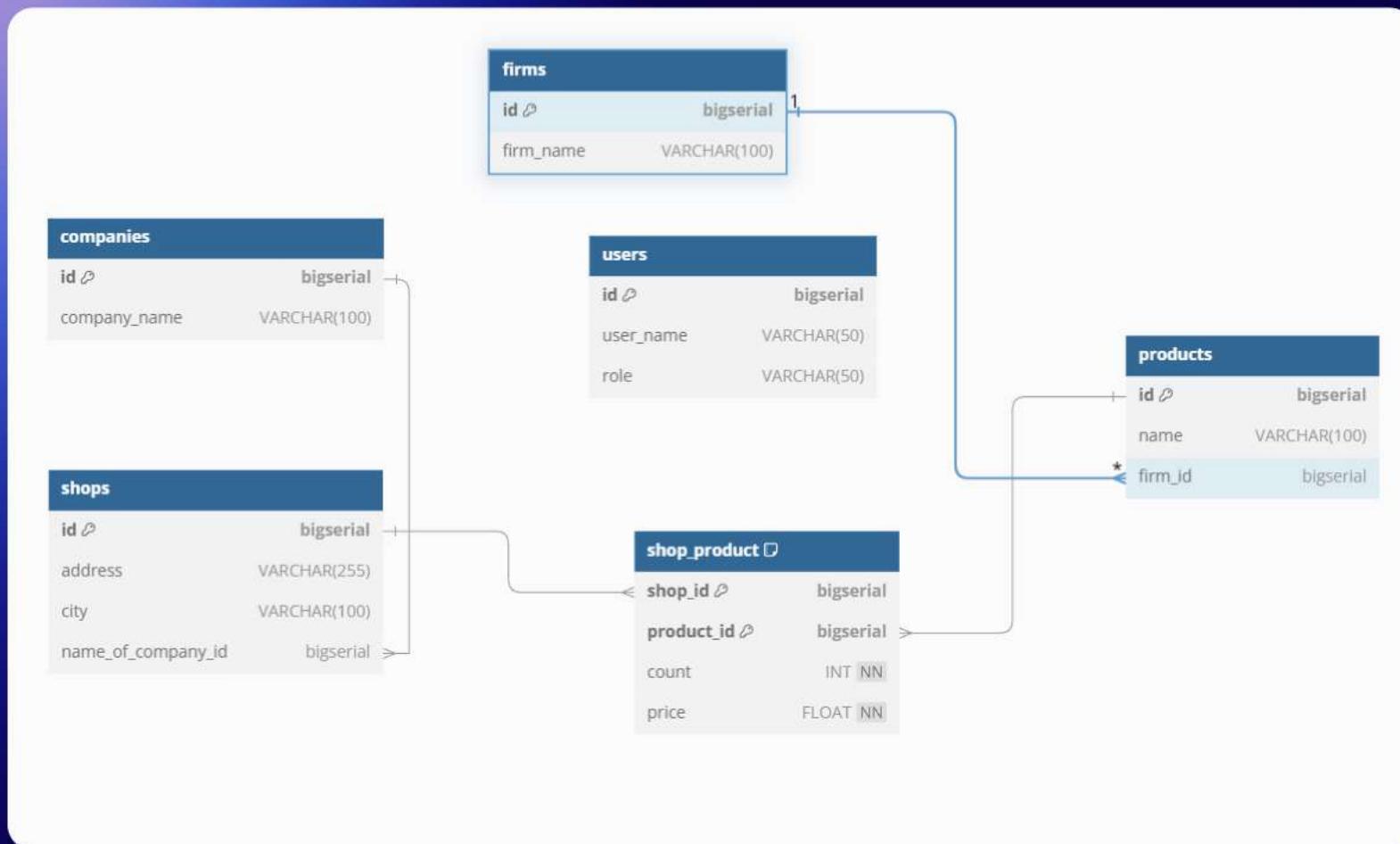
3.3.2



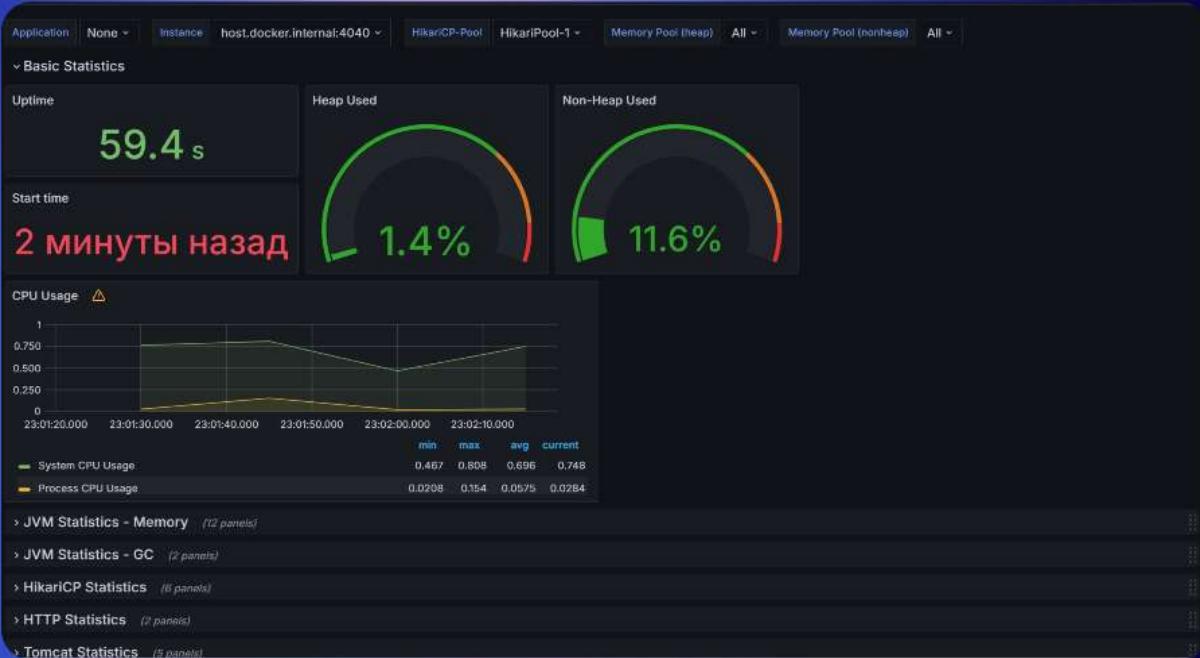
kafka

7.3.2

Модель данных



Отчётность и визуализация



Edadil_MicroService

Element	Missed Instructions	Cov.	Missed Branches	Cov.
com.example.edadil_microservice.service.kafka	64 %	n/a		
com.example.edadil_microservice.service.shop	97 %	87 %		
com.example.edadil_microservice.controller	94 %	n/a		
com.example.edadil_microservice.utils	88 %	100 %		
com.example.edadil_microservice.service.shop_product	98 %	87 %		
com.example.edadil_microservice.service.calculation	100 %	83 %		
com.example.edadil_microservice.mapper	100 %	n/a		
com.example.edadil_microservice.service.company	100 %	100 %		
com.example.edadil_microservice.service.product	100 %	75 %		
com.example.edadil_microservice.service.firm	100 %	n/a		
Total	27 of 1 126	97 %	4 of 30	86 %

firm-controller

- GET /firms Get all firms
- GET /firms/{firmId} Get company having firm products by ID

products-controller

- GET /firms/{firmId}/products Get all firm products
- GET /firms/{firmId}/products/{productId} Get firm product by ID

shop-product-controller

- GET /firms/{firmId}/products/{productId}/shops Get shops with product
- GET /firms/{firmId}/company/{companyId}/shops/{shopId}/products Find firm products in shop
- GET /companies/{companyId}/shops/{city}/{shopId}/products Get company shops

company-controller

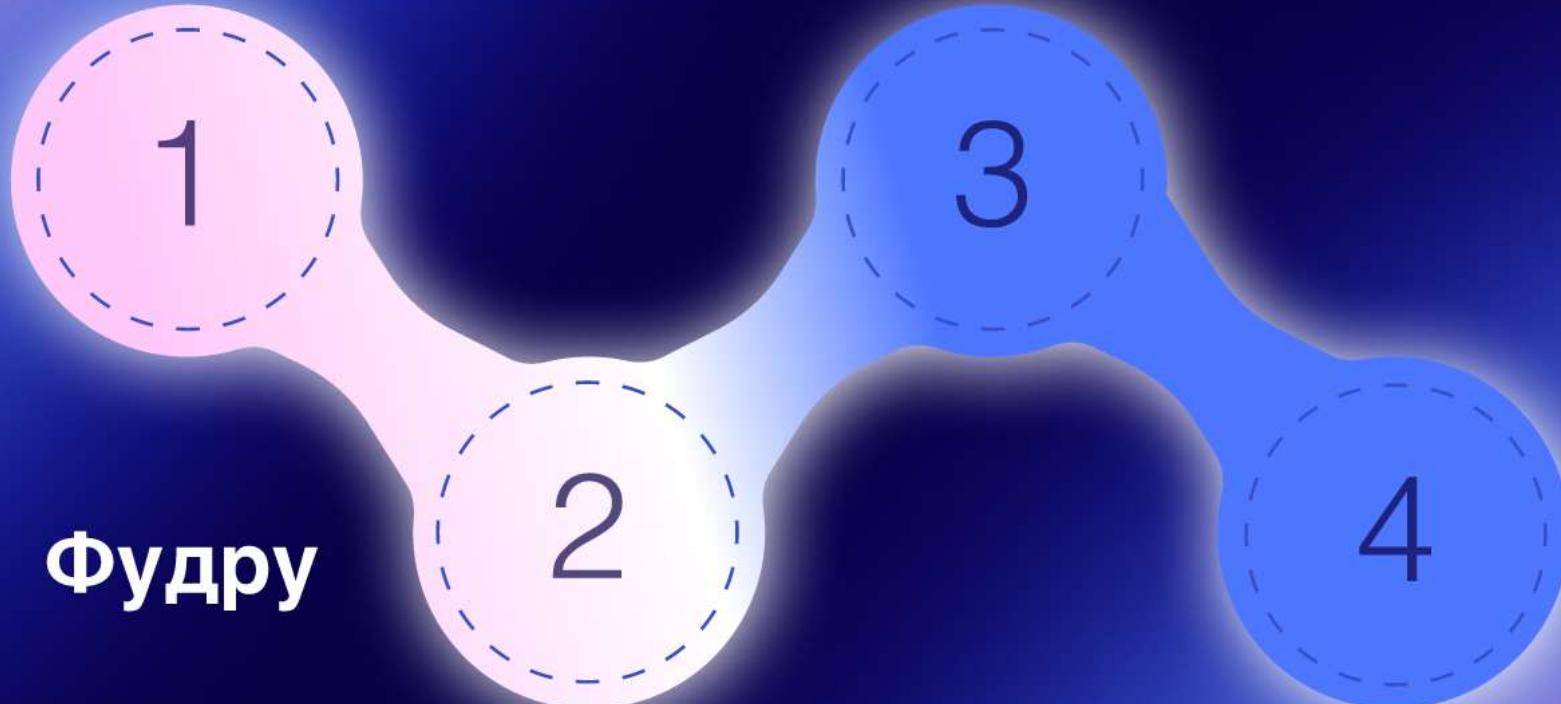
- GET /firms/{firmId}/company Get companies having firm products
- GET /firms/{firmId}/company/{companyId} Get company having firm products by ID
- GET /companies Get all companies
- GET /companies/{companyId} Get company by ID





Инфраструктура приложения

Едадил



FOOD.RU

**Решал проблему с получением рецептов и хранением
рецептов для каждого пользователя**

**По сохраненным рецептам клиент
составляет собственное меню**



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17.0



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7.3.2



4.28.0



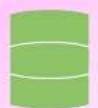
17.0



4.25



7.3.2



Spring Data

3.3.2



4.28.0



17.0



4.25



7.3.2



Spring Data

3.3.2



3.3.4



4.28.0



17.0



4.25



7.3.2

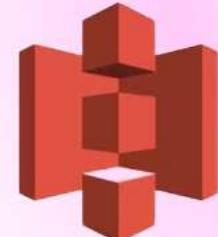


Spring Data

3.3.2



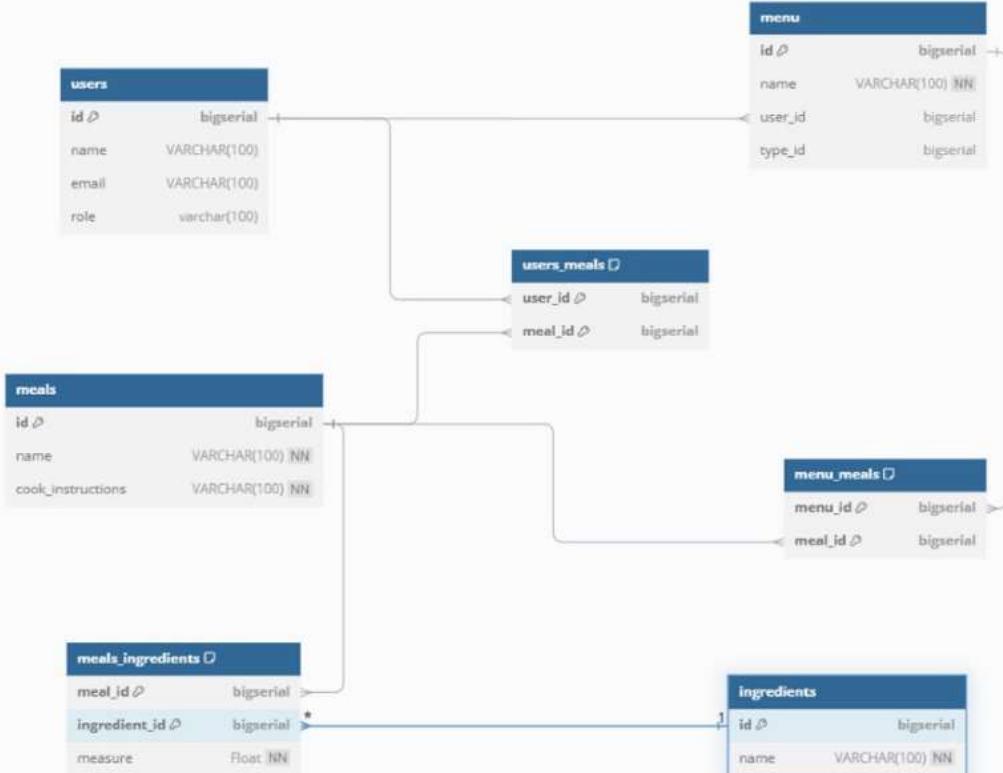
3.3.4



Amazon S3

1.12

Модель данных



Отчётность и визуализация

user-controller

Method	Path	Description
POST	/menu/create/{menuName}	Create a menu
POST	/meals/{mealId}/ingredients/add	Add a meal
POST	/meals/{mealId}/ingredients/add/{menuName}	Add a meal to menu
GET	/get-meals	Get all meals

menu-controller

Method	Path	Description
GET	/menus	Get all menus
GET	/menus/{id}	Get meals by menu ID

meal-controller

Method	Path	Description
GET	/meals	Get all meals
GET	/meals/{id}	Get meal by ID
GET	/meals/{id}/ingredients	Get meal ingredients
GET	/meals/{id}/ingredients/cheapest	Get cheapest meal ingredients

purchase-controller

Method	Path	Description
GET	/meals/{id}/ingredients/cheapest/buy	Buy cheapest meal ingredients

FoodRu_MicroService

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
org.example.foodru.microservice.service.menu	67 %	25 %	3	11	11	28	1	9	0	1	0	1
org.example.foodru.microservice.service.kafka	61 %	100 %	1	6	10	20	1	5	0	2	0	1
org.example.foodru.microservice.service.user	91 %	75 %	1	10	3	26	0	8	0	1	0	1
org.example.foodru.microservice.service.upload	89 %	n/a	0	3	2	14	0	3	0	1	0	1
org.example.foodru.microservice.service.menu	96 %	87 %	1	17	1	29	0	13	0	1	0	1
org.example.foodru.microservice.utils	92 %	100 %	1	6	1	10	1	4	0	1	0	1
org.example.foodru.microservice.controller	100 %	n/a	0	11	0	15	0	11	0	4	0	4
org.example.foodru.microservice.mapper	100 %	n/a	0	7	0	24	0	7	0	3	0	3
org.example.foodru.microservice.service.mail	100 %	n/a	0	3	0	14	0	3	0	1	0	1
org.example.foodru.microservice.service.user_meal	100 %	100 %	0	3	0	11	0	2	0	1	0	1
org.example.foodru.microservice.service.wf	100 %	100 %	0	5	0	11	0	4	0	1	0	1
org.example.foodru.microservice.service.menu_meals	100 %	n/a	0	1	0	4	0	1	0	1	0	1
org.example.foodru.microservice.service.purchase	100 %	n/a	0	2	0	5	0	2	0	2	0	1
Total	90 of 891	89 %	5 of 26	80 %	7	85	28	209	3	72	0	19

Object Storage

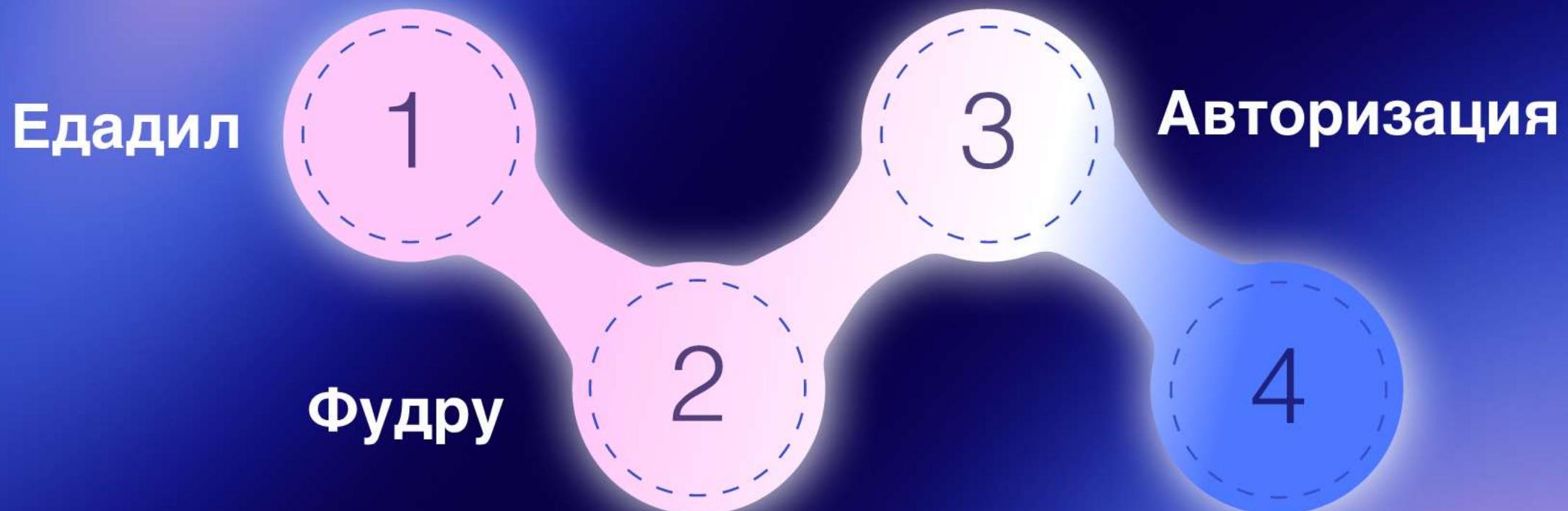
Имя	Размер	Класс хранилища	Последнее изменение
1-2024-12-03-9d3d0137-723d-4c73-966f-93c665081cbd.pdf	25.18 kB	Стандартное	03.12.2024, в 12:43
1-2024-12-03-f1916e-a416-4be1-971e-83f5f679f0df.pdf	25.71 kB	Стандартное	03.12.2024, в 13:04

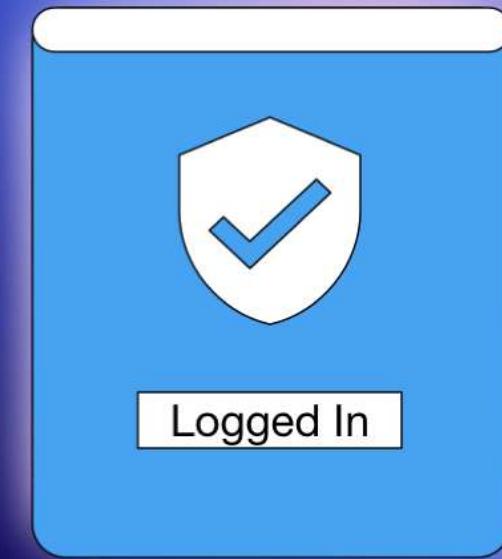
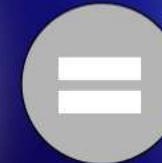
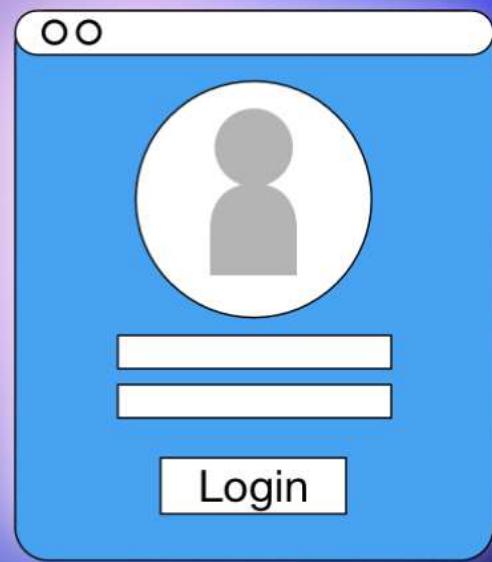




FOOD.RU

Инфраструктура приложения





**Решал проблему авторизации и аутентификации
в два сервиса , позволил упросить остальные
2 сервиса , избавил их от однотипного кода**



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Spring Data

3.3.2



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Spring Data

3.3.2



3.3.4



4.28.0



17.0



4.25



Spring Data

3.3.2



3.3.4



elastic

8.10.2



4.28.0



17.0



4.25



Spring Data

3.3.2



3.3.4



elastic

8.10.2



logstash

8.10.2



4.28.0



17.0



4.25



Spring Data

3.3.2



3.3.4



elastic

8.10.2



logstash

8.10.2



kibana

8.10.2



4.28.0



17.0



4.25



Spring Data

3.3.2



3.3.4



8.10.2



logstash

8.10.2



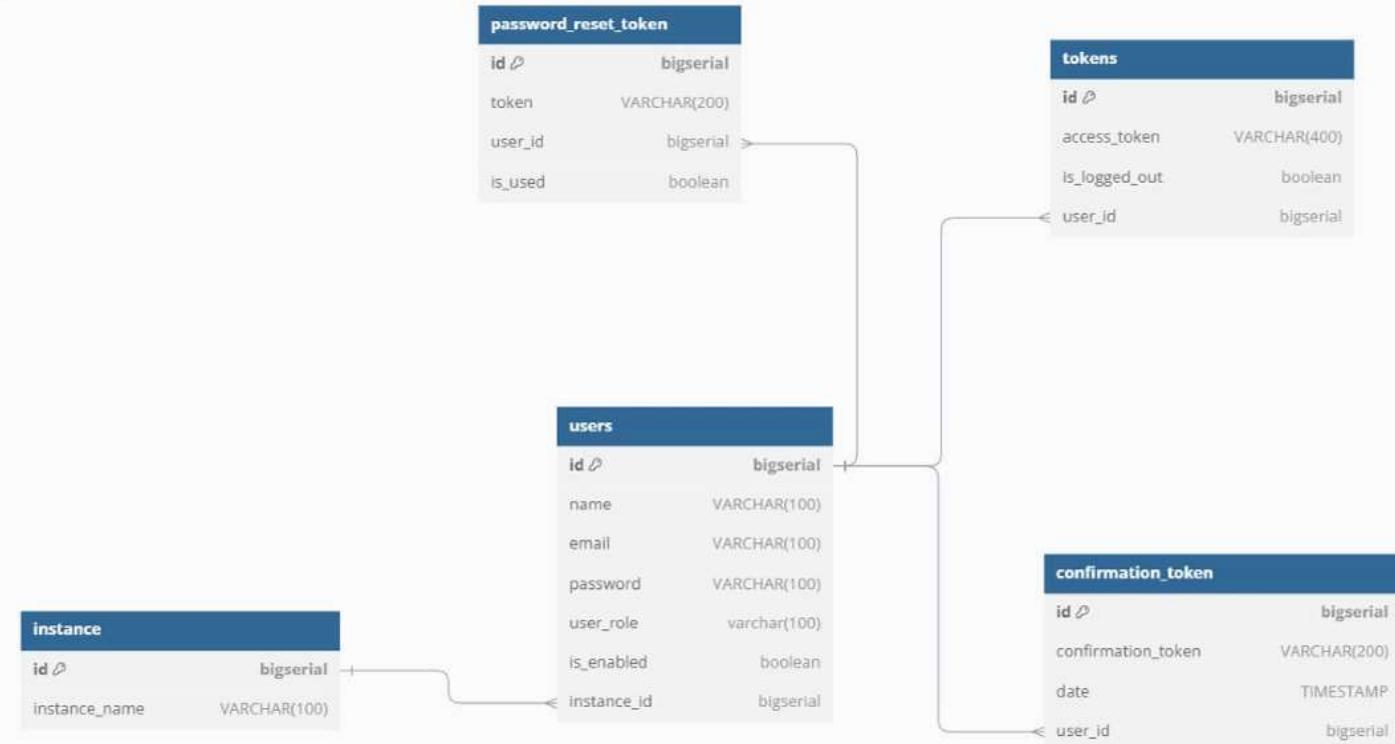
kibana

8.10.2



3.3

Модель данных



Отчётность и визуализация

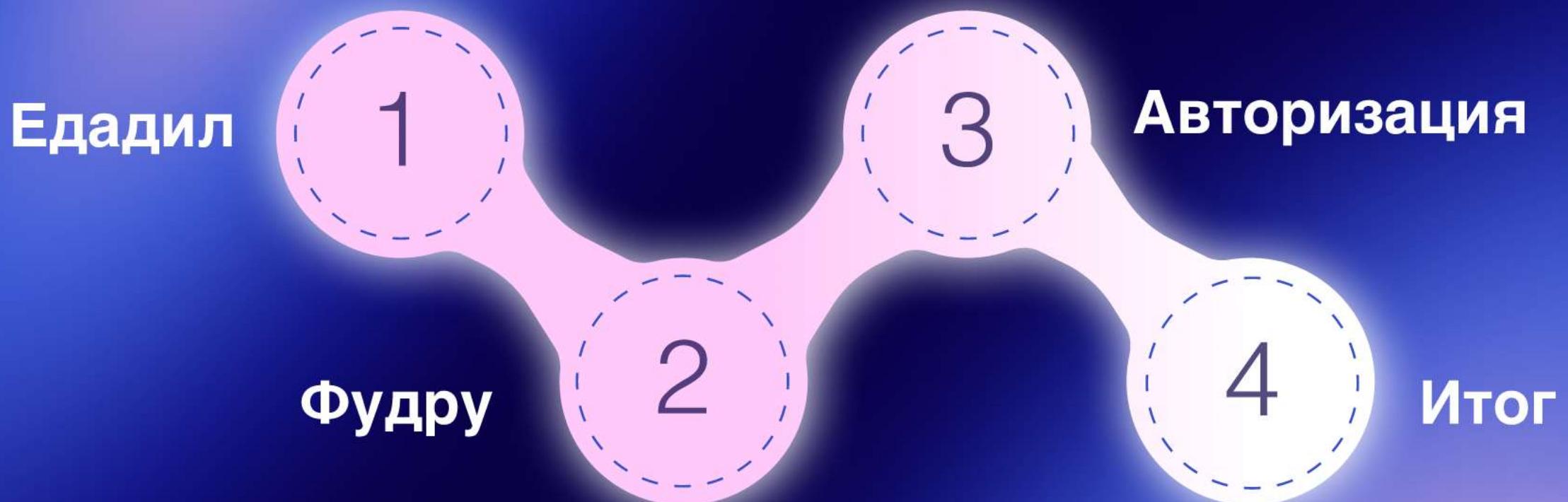


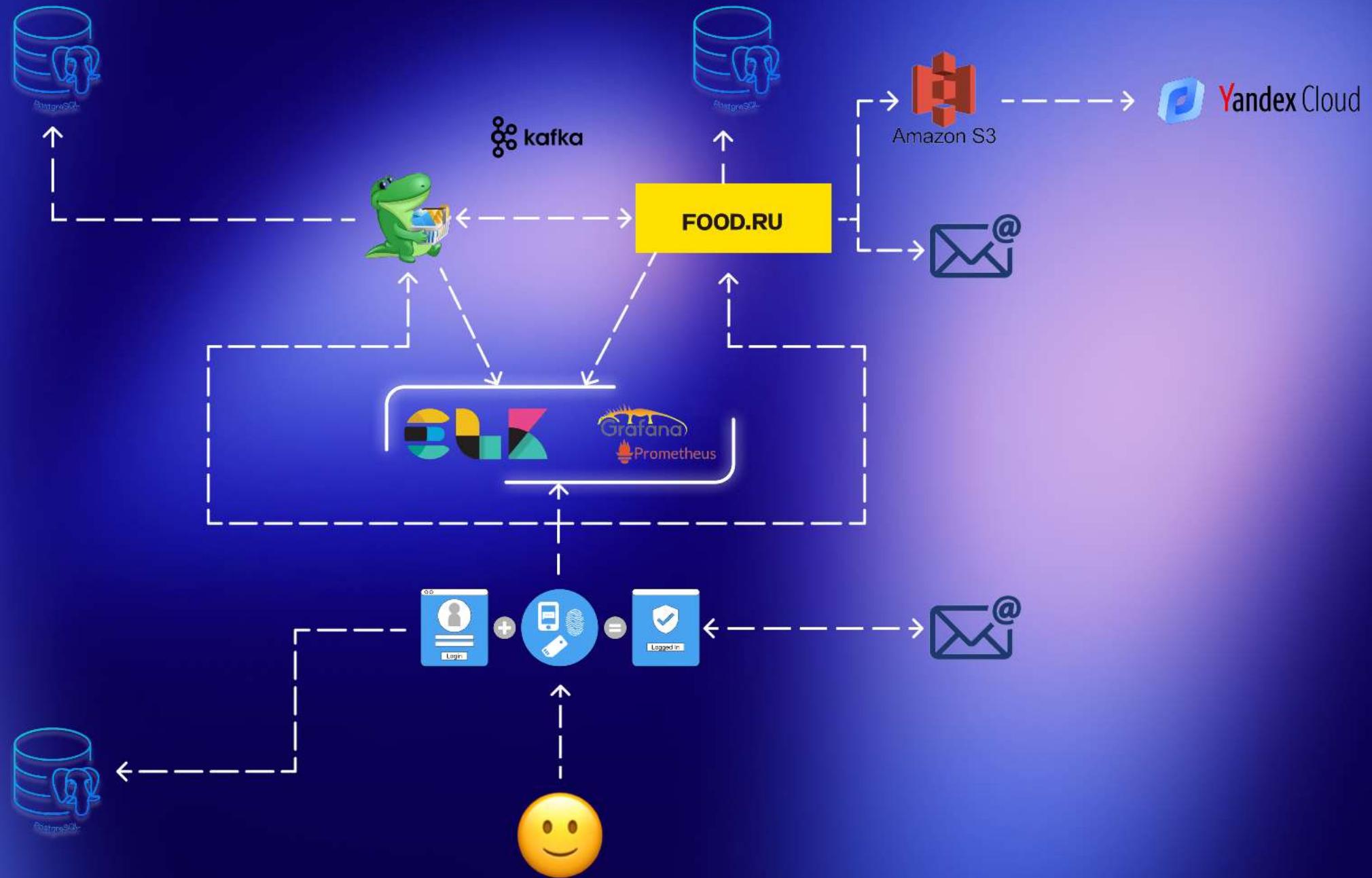
forgot-password-controller											
POST	/auth/restore-password	Update Password									
POST	/auth/reset-password	Reset Password									
auth-user-controller											
POST	/auth/registration	Register New User									
POST	/auth/login	Create Authentication Token									
GET	/auth/confirm-account	Confirm User Account									

Authentication_Service											
Element	Missed Instructions	Cov	Missed Branches	Cov	Missed Ctxy	Missed Lines	Missed Methods	Missed Classes			
org.example.authentication_service.service.check	46 %	50 %	8 13 19 29	4 65	0 19	0 1	0 1	0 1			
org.example.authentication_service.service.user	94 %	66 %	2 22 4	1 23	0 5	0 1	0 5	0 1			
org.example.authentication_service.service.auth	98 %	50 %	2 7 1	23	0 5	0 1	0 5	0 1			
org.example.authentication_service.service.wf	100 %	n/a	0 5 0 21	0 0	0 5	0 1	0 5	0 1			
org.example.authentication_service.service.token	100 %	50 %	1 5 0 13	0 0	0 5	0 13	0 4	0 1			
org.example.authentication_service.service.password_token	100 %	100 %	0 5 0 11	0 0	0 5	0 11	0 3	0 1			
org.example.authentication_service.service.controller	100 %	n/a	0 5 0 5	0 0	0 5	0 5	0 5	0 2			
org.example.authentication_service.service.confirm_token	100 %	n/a	0 3 0 4	0 0	0 3	0 4	0 3	0 1			
org.example.authentication_service.service.instance	100 %	n/a	0 2 0 2	0 0	0 2	0 2	0 2	0 1			
Total	67 of 606	89 %	9 of 26	65 %	13 72 24 186	4 59	0 11				



Инфраструктура приложения





ДЕМО



http://localhost:1010/auth/registration

Save

POST

http://localhost:1010/auth/registration

Params

Authorization

Headers (9)

Body •

Scripts

Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON** ▾

```
1 {  
2   "username" : "дания121",  
3   "password" : "123456",  
4   "confirmPassword" : "123456",  
5   "email" : "danigpro1337@gmail.com",  
6   "userType" : "FoodRu"  
7 }
```

Body

Cookies

Headers (11)

Test Results



200 OK

• 1.06 s • 385 E

Pretty

Raw

Preview

Visualize

Text ▾



1 Verify email by the link sent on your email address

POST



http://localhost:1010/auth/registration

Params

Authorization

Headers (9)

Body •

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

```
1 {  
2   "username" : "даня121",  
3   "password" : "123456",  
4   "confirmPassword" : "123456",  
5   "email" : "danigpro1337@gmail.com",  
6   "userType" : "FoodRu"  
7 }
```

Body

Cookies

Headers (10)

Test Results

400 Bad Request

• 70 ms • 45

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "status": 400,  
3   "message": "Пользователь с указанным именем уже существует",  
4   "timestamp": "2024-12-08"  
5 }
```

Complete Registration! Входящие



daniil.glovatsky@yandex.ru

20:13 (2 минуты назад)

кому: мне ▾

To confirm your account, please click here : <http://localhost:1010/auth/confirm-account?confirmationToken=c254ecf3-867f-46ca-a3ef-9a0b244ce5ae>

↪ Ответить

↗ Переслать



GET http://localhost:1010/auth/confirm-account?confirmationToken=c254ecf3-867f-46ca-a3ef-9a0b244ce5ae

Params • Authorization Headers (9) Body • Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   "username" : "даня1214",  
3   "password" : "1234567",  
4   "confirmPassword" : "123456",  
5   "email" : "danigpro1343@gmail.com",  
6   "userType" : "FoodRu"  
7 }
```

Body Cookies Headers (11) Test Results

200 OK • 86 ms

Pretty Raw Preview Visualize

Text



1 Email verified successfully!

POST



http://localhost:1010/auth/login

Params

Authorization

Headers (9)

Body •

Scripts

Settings

none form-data x-www-form-urlencoded raw binary GraphQL [JSON](#)

```
1 {  
2   "username" : "даня121",  
3   "password" : "12345677777777777777777777777777",  
4   "userType" : "FoodRu",  
5   "rememberMe" : true  
6 }
```

Body

Cookies

Headers (11)

Test Results



401 Unauthorized

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "status": 401,  
3   "message": "Неправильный логин или пароль",  
4   "timestamp": "2024-12-08"  
5 }
```

POST



http://localhost:1010/auth/reset-password

Params

Authorization

Headers (9)

Body •

Scripts

Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON**

```
1 {  
2   "email" : "danigpro1337@gmail.com",  
3   "userType" : "FoodRu"  
4 }
```

Body

Cookies

Headers (11)

Test Results



200 OK

55 ms

Pretty

Raw

Preview

Visualize

Text



1 Check email to reset password



daniil.glovatsky@yandex.ru

20:20 (0 минут назад)



КОМУ: мне ▾

Перевести на русский ×

To restore your password, please click here : <http://localhost:1010/auth/restore-password?passwordToken=eec78412-f06f-4765-8f21-45a73f9479e1>

Ответить

Переслать



POST



http://localhost:1010/auth restore-password?passwordToken=eec78412-f06f-4765-8f21-45a73f9479e1

Params



Authorization

Headers (9)

Body



Scripts

Settings



none



form-data



x-www-form-urlencoded



raw



binary



GraphQL

JSON



```
1 {  
2   "password" : "1234567",  
3   "confirmPassword" : "1245678"  
4 }
```

Body

Cookies

Headers (10)

Test Results



400 Bad Request

16 ms

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "status": 400,  
3   "message": "Пароли не совпадают",  
4   "timestamp": "2024-12-08"  
5 }
```

POST



http://localhost:1010/auth restore-password?passwordToken=eec78412-f06f-4765-8f21-45a73f9479e1

Params

Authorization

Headers (9)

Body

Scripts

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON



```
1 {  
2   "password" : "1234567",  
3   "confirmPassword" : "1234567"  
4 }
```

Body

Cookies

Headers (11)

Test Results



200 OK

• 158 ms

Pretty

Raw

Preview

Visualize

Text



1 Password updated successfully

POST



http://localhost:1010/auth/login

Send

Params

Authorization

Headers (9)

Body

Scripts

Settings

Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

JSON

Beautiful

```
1 {  
2   "username" : "даня121",  
3   "password" : "1234567",  
4   "userType" : "FoodRu",  
5   "rememberMe" : true  
6 }
```

Body

Cookies

Headers (11)

Test Results



200 OK

238 ms

587 B



...

Pretty

Raw

Preview

Visualize

JSON



...

```
1 {  
2   "token": "eyJhbGciOiJIUzI1NiJ9.  
3     eyJpbnN0YW5jZSI6IkZvb2RSdSIsInJvbGUiOiJST0xFX1VTRVIiLCJleHAiOjE3MzM3NjQ5OTIsImhdCI6MTczMzY3ODU5MiwiZW1haWwiOiJkYW5pZ3  
4     ybzEzMzdAZ21haWwuY29tIiwidXNlcm5hbWUiOiLQtNCw0L3RjzEyMSJ9.uDmxZpspFx2hrhF6-FSUGt7yAZ7tMk01KFTWyoFCDH4"  
5 }
```



localhost:7070/menu/create/финтех



POST

localhost:7070/menu/create/финтех

Params

Authorization •

Headers (9)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

• 158 ms •

Pretty

Raw

Preview

Visualize

Text ▾



1 Menu created



localhost:7070/menus



GET



localhost:7070/menus

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

42 ms

Pretty

Raw

Preview

Visualize

JSON



```
1 [  
2 {  
3   "id": 2,  
4   "name": "финтех"  
5 }  
6 ]
```



localhost:7070/menus/2

Sa

GET



localhost:7070/menus/2

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...
eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



404 Not Found

28 ms 4

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "status": "NOT_FOUND",  
3   "message": "Сообщение: Ошибка: Meals not found. Please add meals to the menu.\r\n"  
4 }
```

GET

localhost:7070/meals

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbmN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results

200 OK

27 ms

1.14 Ki

Pretty

Raw

Preview

Visualize

JSON



```
1 [  
2 {  
3   "id": 1,  
4   "name": "Куриный карри",  
5   "cookInstructions": "Инструкции по приготовлению куриного карри"  
6 },  
7 {  
8   "id": 2,  
9   "name": "Бефстроганов",  
10  "cookInstructions": "Инструкции по приготовлению бефстроганова"  
11 },  
12 {  
13   "id": 3,  
14   "name": "Овощное жаркое",  
15   "cookInstructions": "Инструкции по приготовлению овощного жаркого"  
16 },  
17 {  
18   "id": 4,  
19   "name": "Спагетти Болоньезе",  
20   "cookInstructions": "Инструкции по приготовлению спагетти болоньезе"  
21 },  
22 {  
23   "id": 5,  
24   "name": "Рыбные тако",  
25   "cookInstructions": "Инструкции по приготовлению рыбных тако"  
26 }.
```



localhost:7070/meals/1/ingredients

Save

GET



localhost:7070/meals/1/ingredients

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6Ii...
[REDACTED]

Body

Cookies

Headers (11)

Test Results



200 OK

• 29 ms • 586

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "id": 1,  
3   "name": "Куриный карри",  
4   "cookInstructions": "Инструкции по приготовлению куриного карри",  
5   "ingredients": [  
6     {  
7       "name": "Карри порошок",  
8       "measure": 0.001  
9     },  
10    {  
11      "name": "Курица",  
12      "measure": 0.4  
13    }  
14  ]  
15 }
```

HTTP localhost:7070/meals/1/ingredients/add/финтех

POST localhost:7070/meals/1/ingredients/add/финтех

Params Authorization ● Headers (9) Body Scripts Settings

Auth Type
Bearer Token Token eyJhbGciOiJIUzI1NiJ9eyJpbnN0YW5jZSI6I...
Body Cookies Headers (11) Test Results 200 OK • 273 ms
Pretty Raw Preview Visualize Text ▾
1 Meal added to menu

HTTP localhost:7070/menus/2 [Raw](#)

GET [POST](#) localhost:7070/menus/2

Params Authorization [●](#) Headers (8) Body Scripts Settings

Auth Type

Bearer Token [Token](#) eyJhbGciOiJIUzI1NiJ9eyJpbnN0YW5jZSI6I...

Body Cookies Headers (11) Test Results [⟳](#) 200 OK • 22 ms • 48

Pretty Raw Preview Visualize JSON [CSV](#)

```
1 [  
2 {  
3   "id": 1,  
4   "name": "Куриный карри",  
5   "cookInstructions": "Инструкции по приготовлению куриного карри"  
6 }  
7 ]
```



localhost:7070/meals/5/ingredients/cheapest



GET



localhost:7070/meals/5/ingredients/cheapest

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

669 ms

Pretty

Raw

Preview

Visualize

JSON



```
1  {
2      "companyName": "Пятерочка",
3      "address": "Санкт-Петербург, ул. Советская, 15",
4      "ingredients": [
5          {
6              "name": "Томатный соус",
7              "measure": 0.2,
8              "firm": "Nutella",
9              "price": 40.0
10         }
11     ],
12     "hasMissingIngredients": true,
13     "missingIngredients": [
14         "Рыба"
15     ],
16     "cost": 40.0
17 }
```



localhost:7070/meals/5/ingredients/cheapest/buy



GET



localhost:7070/meals/5/ingredients/cheapest/buy

Params

Authorization •

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...
eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

2.62 s

Pretty

Raw

Preview

Visualize

Text



1 Payment was successful

cloud-daniil-glo... default Object Storage / Бакеты / bucket-for-s3

Обработать в YQ Создать папку Загрузить ...

Поиск по началу имени объекта, включая префикс Показать версии

<input type="checkbox"/>	Имя	Размер	Класс хранилища	Последнее изменение	
<input type="checkbox"/>	1-2024-12-03-9d3d0137-723d-4c73-966f-93c665081cbd.pdf	25.18 КБ	Стандартное	03.12.2024, в 12:43	...
<input type="checkbox"/>	1-2024-12-03-f19f16fe-a416-4be1-971e-83f5f679fddf.pdf	25.71 КБ	Стандартное	03.12.2024, в 13:04	...
<input type="checkbox"/>	2-2024-12-08-54af85c3-3a70-4637-963a-3e916acdaff8.pdf	25.68 КБ	Стандартное	08.12.2024, в 21:13	...

bucket-for-s3
Занято 76.07 КБ

Объекты Настройки Безопасность Мониторинг Операции



2-2024-12-08-54af85c3-3a70-4637-963a-3e916acdaff8.pdf

25.68 КБ

Стандартное

08.12.2024, в 21:13

...

Скачать

ACL объекта

Удалить

Загрузки



...



2-2024-12-08-54af85c3-3a70-4637-963a-



Зе916acdaff8.pdf

[Открыть файл](#)

Файл

C:/Users/danil/Downloads/2-2024-12-08-54af85c3-3a70-4637-963a-3e916acdaff8.pdf



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1

из 1



название компании	адрес	ингредиенты	отсутствующие продукты	цена
Пятерочка	Санкт-Петербург, ул. Советская, 15	[IngredientResponse(name=Томатный соус, measure=0.2, firm=Nutella, price=40.0)]	[Рыба]	40.0



daniil.glovats...

Новое

вы заказали продукты - ваш чек



чек.pdf



Написать



Входящие 3 587



Помеченные



Отложенные



Отправленные



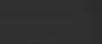
Черновики 3



Ещё



ыки



название компании	адрес	ингредиенты	отсутствующие продукты	цена
Пятерочка	Санкт-Петербург, ул. Советская, 15	[IngredientResponse(name=Томатный соус, measure=0.2, firm=Nutella, price=40.0)]	[Рыба]	40.0



localhost:7070/meals/6/ingredients



GET

localhost:7070/meals/6/ingredients

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

• 21 ms • 4

Pretty

Raw

Preview

Visualize

JSON



```
1  {
2      "id": 6,
3      "name": "Оладьи",
4      "cookInstructions": "инструкция",
5      "ingredients": [
6          {
7              "name": "Кефир",
8              "measure": 2.0
9          },
10         {
11             "name": "Молоко",
12             "measure": 1.0
13         }
14     ]
15 }
```

GET

localhost:7070/meals/6/ingredients/cheapest

Params

Authorization •

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

Body

Cookies

Headers (11)

Test Results



200 OK

• 264 ms • 65

Pretty

Raw

Preview

Visualize

JSON



```
1  {
2      "companyName": "Пятерочка",
3      "address": "Санкт-Петербург, ул. Ленина, 15",
4      "ingredients": [
5          {
6              "name": "Молоко",
7              "measure": 1.0,
8              "firm": "Простоквашин",
9              "price": 50.0
10         },
11         {
12             "name": "Кефир",
13             "measure": 2.0,
14             "firm": "Простоквашин",
15             "price": 70.0
16         }
17     ],
18     "hasMissingIngredients": false,
19     "missingIngredients": [],
20     "cost": 120.0
21 }
```

GET localhost:7070/meals/6/ingredients/cheapest/buy

Params Authorization ● Headers (8) Body Scripts Settings

Auth Type

Bearer Token ▼ Token eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

The authorization header will be

Body Cookies Headers (11) Test Results ⌚ 200 OK ⌚ 2.58 s

Pretty Raw Preview Visualize Text 🖨️

1 Payment was successful

cloud-daniil-glo... default Object Storage / Бакеты / bucket-for-s3

Обработать в YQ Создать папку Загрузить ...

bucket-for-s3
Занято 76.07 КБ

Показать версии

Имя	Размер	Класс хранилища	Последнее изменение	
1-2024-12-03-9d3d0137-723d-4c73-966f-93c665081cbd.pdf	25.18 КБ	Стандартное	03.12.2024, в 12:43	...
1-2024-12-03-f19f16fe-a416-4be1-971e-83f5f679fddf.pdf	25.71 КБ	Стандартное	03.12.2024, в 13:04	...
2-2024-12-08-54af85c3-3a70-4637-963a-3e916acdaff8.pdf	25.68 КБ	Стандартное	08.12.2024, в 21:13	...
2-2024-12-08-851e0856-95ef-40f1-8769-9f9ba81349f9.pdf	26.27 КБ	Стандартное	08.12.2024, в 21:38	...
2-2024-12-08-e67e8c0e-259b-4a1e-b77e-bb20677c8893.pdf	26.35 КБ	Стандартное	08.12.2024, в 21:21	...

Объекты Настройки Безопасность Мониторинг Операции



daniil.glovatsky@yandex.ru

КОМУ: мне ▼

🕒 21:38 (0 минут назад)



1



Перевести на русский



ваш чек

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PDF чек.pdf



Ответить



→ Переслать



название компании	адрес	ингредиенты	отсутствующие продукты	цена
Пятерочка	Санкт-Петербург, ул. Ленина, 15	[IngredientResponse(name=Молоко, measure=1.0, firm=Простоквашинко, price=50.0), IngredientResponse(name=Кефир, measure=2.0, firm=Простоквашинко, price=70.0)]	[]	120.0



localhost:4040/companies



Save

GET



localhost:4040/companies



Params

Authorization ●

Headers (8)

Body

Scripts

Settings

Body

Cookies

Headers (5)

Test Results



200 OK

• 60 ms • 245 B

Pretty

Raw

Preview

Visualize

JSON



```
1 [  
2 {  
3     "id": 1,  
4     "companyName": "Пятерочка"  
5 },  
6 {  
7     "id": 2,  
8     "companyName": "Дикси"  
9 }  
10 ]
```

HTTP localhost:4040/companies/1/shops

Save

GET localhost:4040/companies/1/shops

Params Authorization ● Headers (8) Body Scripts Settings

Body Cookies Headers (5) Test Results ⏪

200 OK • 30 ms • 928

Pretty Raw Preview Visualize JSON ▾

```
1 [  
2 {  
3     "companyName": "Пятерочка",  
4     "id": 1,  
5     "city": "Санкт-Петербург",  
6     "address": "ул. Ленина, 15"  
7 },  
8 {  
9     "companyName": "Пятерочка",  
10    "id": 5,  
11    "city": "Санкт-Петербург",  
12    "address": "Московское шоссе, 123"  
13 },  
14 {  
15     "companyName": "Пятерочка",  
16     "id": 6,  
17     "city": "Санкт-Петербург",  
18     "address": "Невский проспект, 87"  
19 },  
20 {  
21     "companyName": "Пятерочка",  
22     "id": 7,  
23     "city": "Санкт-Петербург",  
24     "address": "ул. Мира, 1"  
25 },  
26 {  
27     "companyName": "Пятерочка",  
28     "id": 8,  
29     "city": "Санкт-Петербург",  
30     "address": "Ленинградский проспект, 100"  
31 ]
```

GET

localhost:4040/companies/1/shops/Санкт-Петербург/1/products

S

Params Authorization Headers (8) Body Scripts Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

The authorization header will be

Body Cookies Headers (5) Test Results

200 OK • 73 ms • 605 B

Pretty

Raw

Preview

Visualize

JSON



```
1  {
2      "shop": {
3          "companyName": "Пятерочка",
4          "id": 1,
5          "city": "Санкт-Петербург",
6          "address": "ул. Ленина, 15"
7      },
8      "products": [
9          {
10             "name": "Молоко",
11             "firm": "Простоквашино",
12             "count": 100,
13             "price": 50.0
14         },
15         {
16             "name": "Кефир",
17             "firm": "Простоквашино",
18             "count": 50,
19             "price": 35.0
20         },
21         {
22             "name": "Кола",
23             "firm": "Coca-Cola",
24             "count": 140,
25             "price": 44.0
26         },
27     ]
}
```

GET

localhost:4040/firms

Params

Authorization

Headers (8)

Body

Scripts

Settings

Auth Type

Bearer Token

Token

eyJhbGciOiJIUzI1NiJ9.eyJpbnN

The authorization header will be

Body

Cookies

Headers (5)

Test Results

200

Pretty

Raw

Preview

Visualize

JSON



```
56     "firmName": "Haribo"
57   },
58   {
59     "id": 16,
60     "firmName": "Chupa-Chups"
61   },
62   {
63     "id": 17,
64     "firmName": "Raffaello"
65   },
66   {
67     "id": 18,
68     "firmName": "Tic Tac"
69   },
70   {
71     "id": 19,
72     "firmName": "Ferrero Rocher"
73   },
74   {
75     "id": 20,
76     "firmName": "Nutella"
77   },
78   {
79     "id": 1,
80     "firmName": "Простоквашинко"
81 }
```

HTTP localhost:4040/firms/1/products S

GET localhost:4040/firms/1/products

Params Authorization ● Headers (8) Body Scripts Settings

Auth Type Bearer Token Token eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

The authorization header will be

Body Cookies Headers (5) Test Results 200 OK • 11 ms •

Pretty Raw Preview Visualize JSON ↻

```
1 [  
2   {  
3     "id": 1,  
4     "name": "Молоко"  
5   },  
6   {  
7     "id": 2,  
8     "name": "Кефир"  
9   }  
10 ]
```

HTTP localhost:4040/firms/1/products/1/shops

Save Share

GET localhost:4040/firms/1/products/1/shops Send

Params Authorization ● Headers (8) Body Scripts Settings Cookies

Auth Type
Bearer Token Token eyJhbGciOiJIUzI1NiJ9.eyJpbnN0YW5jZSI6I...

The authorization header will be

Body Cookies Headers (5) Test Results

200 OK • 91 ms • 1.26 KB • ⓘ ⚙️

Pretty Raw Preview Visualize JSON

```
1 [  
2 {  
3   "shop": {  
4     "companyName": "Пятерочка",  
5     "id": 1,  
6     "city": "Санкт-Петербург",  
7     "address": "ул. Ленина, 15"  
8   },  
9   "products": [  
10    {  
11      "name": "Молоко",  
12      "firm": "Простоквашино",  
13      "count": 100,  
14      "price": 50.0  
15    }  
16  ],  
17},  
18]
```

```
{  
    "shop": {  
        "companyName": "Дикси",  
        "id": 2,  
        "city": "Санкт-Петербург",  
        "address": "пр. Мира, 10"  
    },  
    "products": [  
        {  
            "name": "Молоко",  
            "firm": "Простоквашино",  
            "count": 95,  
            "price": 56.0  
        }  
    ]  
},  
{  
    "shop": {  
        "companyName": "Пятерочка",  
        "id": 5,  
        "city": "Санкт-Петербург",  
        "address": "Московское шоссе, 123"  
    },  
    "products": [  
        {  
            "name": "Молоко",  
            "firm": "Простоквашино",  
            "count": 75,  
            "price": 52.0  
        }  
    ]  
}.
```

```
        "shop": {
            "companyName": "Пятерочка",
            "id": 6,
            "city": "Санкт-Петербург",
            "address": "Невский проспект, 87"
        },
        "products": [
            {
                "name": "Молоко",
                "firm": "Простоквашино",
                "count": 105,
                "price": 58.0
            }
        ]
    },
    {
        "shop": {
            "companyName": "Дикси",
            "id": 9,
            "city": "Санкт-Петербург",
            "address": "ул. Кирова, 55"
        },
        "products": [
            {
                "name": "Молоко",
                "firm": "Простоквашино",
                "count": 85,
                "price": 54.0
            }
        ]
    }
]
```

GET localhost:4040/firms/1/products/2/shops

Params Authorization Headers (8) Body Scripts Settings

Body Cookies Headers (5) Test Results ⚙

Pretty Raw Preview Visualize JSON

```
1 [  
2 {  
3   "shop": {  
4     "companyName": "Пятерочка",  
5     "id": 1,  
6     "city": "Санкт-Петербург",  
7     "address": "ул. Ленина, 15"  
8   },  
9   "products": [  
10    {  
11      "name": "Кефир",  
12      "firm": "Простоквашино",  
13      "count": 50,  
14      "price": 35.0  
15    }  
16  ],  
17 },  
18 {  
19   "shop": {  
20     "companyName": "Дикси",  
21     "id": 2,  
22     "city": "Санкт-Петербург",  
23     "address": "пр. Мира, 10"  
24   },  
25   "products": [  
26    {  
27      "name": "Кефир",  
28      "firm": "Простоквашино",  
29      "count": 130,  
30      "price": 38.0  
31    }  
32  ]  
33 ]
```

2

```
"shop": {  
  "companyName": "Пятерочка",  
  "id": 6,  
  "city": "Санкт-Петербург",  
  "address": "Невский проспект, 87"  
},  
"products": [  
  {  
    "name": "Кефир",  
    "firm": "Простоквашино",  
    "count": 140,  
    "price": 40.0  
  }  
],  
{  
  "shop": {  
    "companyName": "Дикси",  
    "id": 9,  
    "city": "Санкт-Петербург",  
    "address": "ул. Кирова, 55"  
  },  
  "products": [  
    {  
      "name": "Кефир",  
      "firm": "Простоквашино",  
      "count": 120,  
      "price": 36.0  
    }  
  ]  
}
```

Спасибо за внимание!