

TEAMAMWORK 1 - Prototype Strava

Login Api Description

For the login API, we have created two gateways in our project one for each log in service (Google or Facebook). Both of these implement the interface of “IAuthGateway” with a single function “verifyAuth”. This takes an email and a password and then each one connects to its respective server and checks if the account exists.

Google Server

The Google verification server is a spring boot server. It's rest Api endpoints are the following:

Name	Operation	Input Parameters	Output Parameters
/auth/verify	get	loginData	HTTPCode

Objects:

loginData{

 username: string,

 password: string,

}

Response:

The google server can return the following codes and each one means a different thing.

200: Login OK

403: Failed login

Facebook Server

Being a socket based server, it expects a message. This message will contain email and password separated by a delimiter '#'. Example:

m.sannadi@brkcf.com#brknuncaserinde

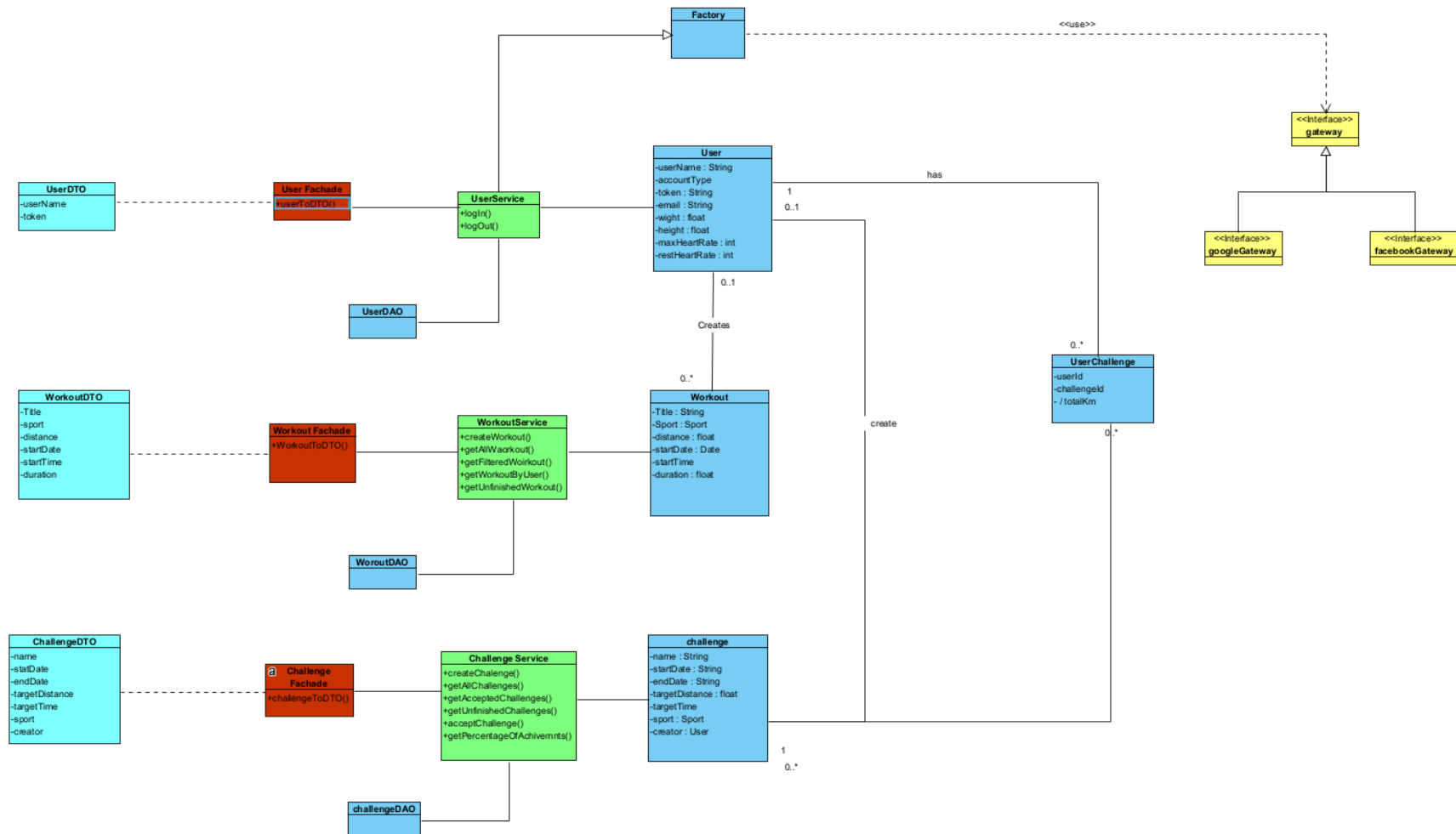
The response from the will be one of the following:

200: Login OK

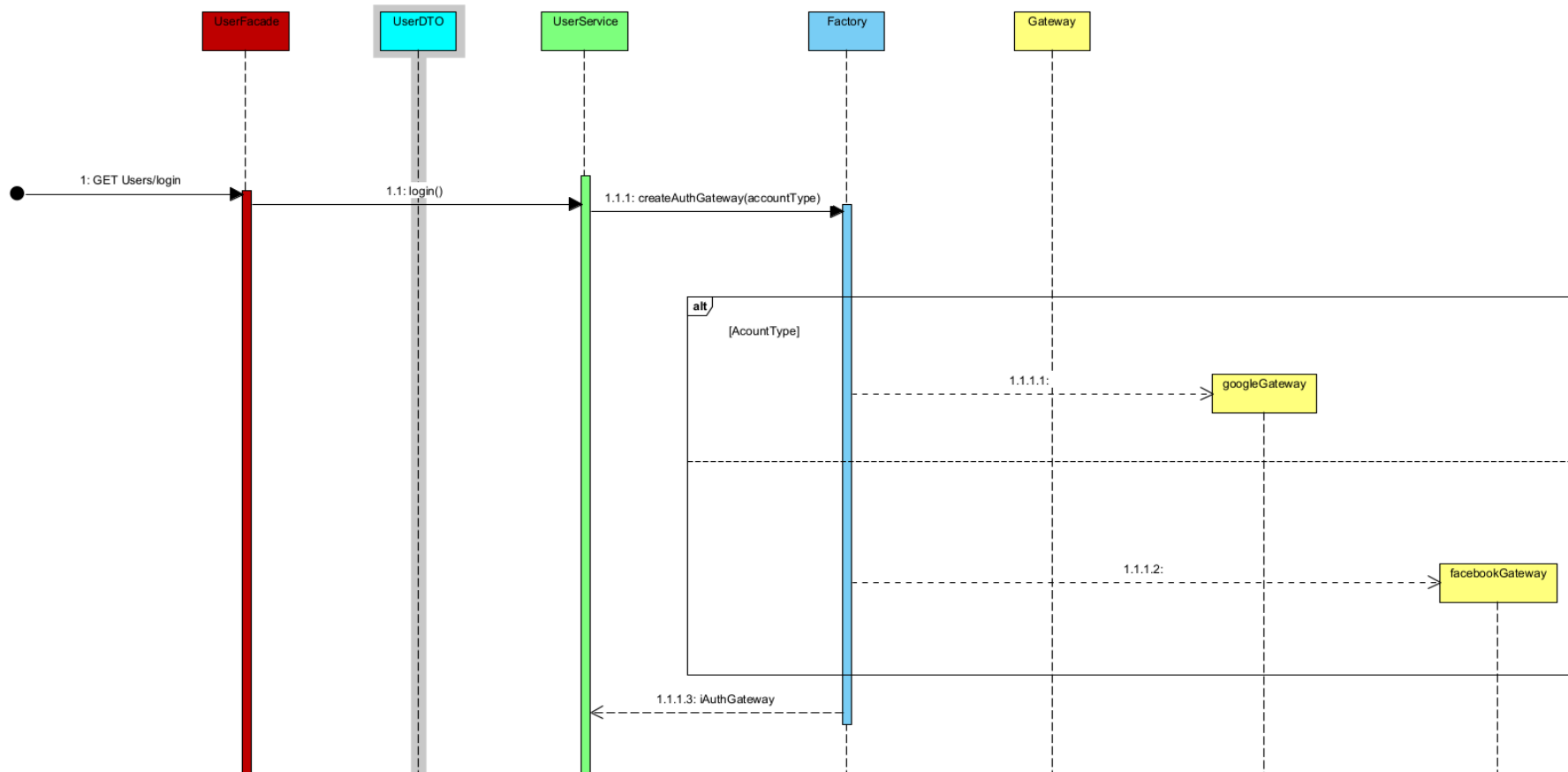
401: Failed login

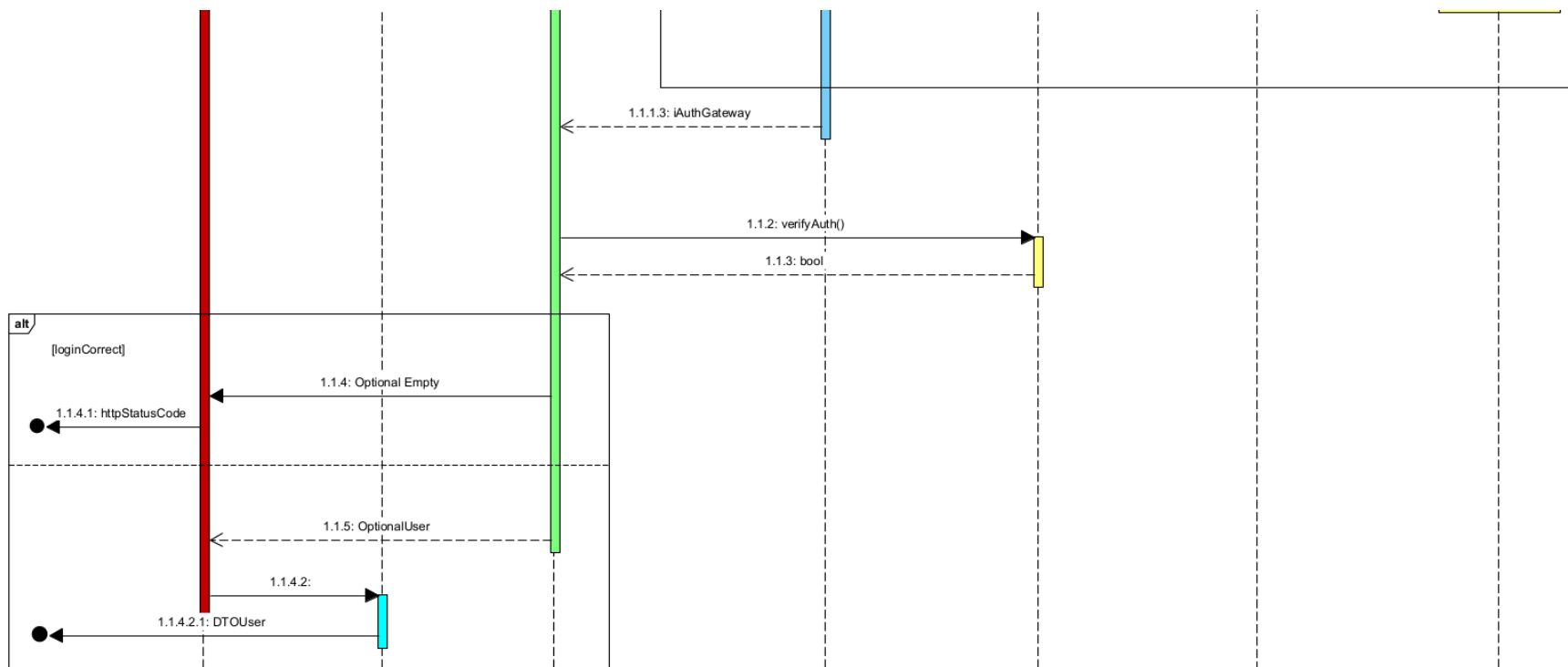
500: Server error

Class Diagram



Sequence Diagram





Screenshots of the Login Functionality

Create Account Google

HTTP localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo... Save

POST localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo... Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Google	
<input checked="" type="checkbox"/>	username	Peter	
<input checked="" type="checkbox"/>	email	peter.clement@advance.uk	
<input checked="" type="checkbox"/>	password	itEndsToday	
	Key	Value	

Body Cookies (1) Headers (5) Test Results 201 Created 406 ms 313 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 1,
3   "username": "Peter",
4   "email": "peter.clement@advance.uk",
5   "token": null,
6   "weight": null,
7   "height": null,
8   "maxHeartRate": null,
9   "restHeartRate": null
10 }
```

Try to create account with an email that has already been used

HTTP localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo... Save

POST localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo... Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Google	
<input checked="" type="checkbox"/>	username	Peter	
<input checked="" type="checkbox"/>	email	peter.clement@advance.uk	
<input checked="" type="checkbox"/>	password	itEndsToday	
	Key	Value	

Body Cookies (1) Headers (4) Test Results 409 Conflict 6 ms 129 B Save Response

Pretty Raw Preview Visualize Text

```
1
```

Google Login

localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo...

Save

GET

localhost:8080/users/login?accountType=Google&email=peter.clement@advance.uk&password=itEndsT...

Send

Params • Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Google	
<input type="checkbox"/>	username	Peter	
<input checked="" type="checkbox"/>	email	peter.clement@advance.uk	
<input checked="" type="checkbox"/>	password	itEndsToday	
	Key	Value	

Body Cookies (1) Headers (5) Test Results 201 Created 22 ms 347 B Save Response

Pretty Raw Preview Visualize JSON

1

"id": 1,

2

"username": "Peter",

3

"email": "peter.clement@advance.uk",

4

"token": "a0c54cf5-d511-491b-aaac-94c739be052b",

5

"weight": null,

6

"height": null,

7

"maxHeartRate": null,

8

"restHeartRate": null

9

10

Google Failed Login

localhost:8080/users?accountType=Google&username=Peter&email=peter.clement@advance.uk&password=itEndsTo...

Save

GET

localhost:8080/users/login?accountType=Google&email=peter.clement@advance.uk&password=itSTAR1...

Send

Params • Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Google	
<input type="checkbox"/>	username	Peter	
<input checked="" type="checkbox"/>	email	peter.clement@advance.uk	
<input checked="" type="checkbox"/>	password	itSTARTStoday	
	Key	Value	

Body Cookies (1) Headers (4) Test Results 403 Forbidden 10 ms 130 B Save Response

Pretty Raw Preview Visualize Text

1

Facebook create account

localhost:8080/users?accountType=Facebook&username=MSannadi&email=m.sannadi@brkcf.com&password=brknu... Save

POST localhost:8080/users?accountType=Facebook&username=MSannadi&email=m.sannadi@brkcf.com&passw Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Facebook	
<input checked="" type="checkbox"/>	username	MSannadi	
<input checked="" type="checkbox"/>	email	m.sannadi@brkcf.com	
<input checked="" type="checkbox"/>	password	brknuncaserinde	
	Key	Value	

Body Cookies (1) Headers (5) Test Results 201 Created 18 ms 311 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "username": "MSannadi",
4   "email": "m.sannadi@brkcf.com",
5   "token": null,
6   "weight": null,
7   "height": null,
8   "maxHeartRate": null,
9   "restHeartRate": null
10 }
```

Facebook login

localhost:8080/users?accountType=Facebook&username=MSannadi&email=m.sannadi@brkcf.com&password=brknu... Save

GET localhost:8080/users/login?accountType=Facebook&email=m.sannadi@brkcf.com&password=brknunca:... Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params


	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	accountType	Facebook	
<input type="checkbox"/>	username	MSannadi	
<input checked="" type="checkbox"/>	email	m.sannadi@brkcf.com	
<input checked="" type="checkbox"/>	password	brknuncaserinde	
	Key	Value	


Body Cookies (1) Headers (5) Test Results 201 Created 8 ms 345 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": 2,
3   "username": "MSannadi",
4   "email": "m.sannadi@brkcf.com",
5   "token": "f4ffe4df-3677-4757-a7ef-0a39833dc386",
6   "weight": null,
7   "height": null,
8   "maxHeartRate": null,
9   "restHeartRate": null
10 }
```

Logout

 localhost:8080/users?accountType=Facebook&username=MSannadi&email=m.sannadi@brkcf.com&password=brknu...

 Save

GET

localhost:8080/users/logout?sessiontoken=f4ffe4df-3677-4757-a7ef-0a39833dc386

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Bulk Edit
<input checked="" type="checkbox"/>	sessiontoken	f4ffe4df-3677-4757-a7ef-0a39833dc386	
	Key	Value	

Body

Cookies (1)

Headers (4)

Test Results

200 OK 7 ms 123 B

Save Response

Pretty

Raw

Preview

Visualize

Text

1