

YOUR WAY TO ITALY WEBAPP BACKEND GUIDE

Pages:

1) Home Page

Always accessible. From here now it's only possible to get to login and register pages.

NOTE: search bars don't work.

- http://localhost:8080/ywti_wa2021_war/index

2) Login Page

Always accessible. From here now it's possible to login.

If there's already an active session it's possible to logout or to get to profile page.

- http://localhost:8080/ywti_wa2021_war/user/do-login

3) Register Page

Always accessible. From here now it's possible to register.

- http://localhost:8080/ywti_wa2021_war/user/do-register

4) User Profile page (for both Companies and Tourists)

Accessible only with an active session. Shows profile info and bookings in case of tourist and advertisements in case of a company.

NOTE :In case of the company the "new advertisement" button links to not-working mockup page.

- http://localhost:8080/ywti_wa2021_war/user/profile

5) Edit User Profile Page

Accessible only with an active session. Gives the possibility to change some accounts information.

- http://localhost:8080/ywti_wa2021_war/user/do-edit

6) Insert advertisement image page

Accessible only with an active Company account session. Gives the possibility to upload images for a **specified advertisement**. The session account and the advertisementowner account have to coincide for the functionality to work.

- http://localhost:8080/ywti_wa2021_war/image-do-upload/1

Accessing REST resources that DO NOT require a logged user:

(NOTE: the orange parts are parameters to be eventually changed)

Getting advertisement with `idAdvertisement = 1` information via JSON format:

```
curl -v -X GET -H "Accept: application/json"
http://localhost:8080/ywti_wa2021_war/adv/1
```

```
espo@ubuntu:~$ curl -v -X GET -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/1
Note: Unnecessary use of -X or --request, GET is already inferred.
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> GET /ywti_wa2021_war/adv/1 HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Accept: application/json
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json;charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:44:53 GMT
<
* Connection #0 to host localhost left intact
{"advertisement":{"idAdvertisement":"1","title":"Delicious dinner in the Dolomites, da Pino","description":"This is a mock advertisement. Requests to the REST web server will be made in order to show the desired advertisement.","score":"6","price":"19","numTotItem":"24","dateStart":"2021-04-24","dateEnd":"2021-04-24","timeStart":"18:30:00","timeEnd":"23:30:00","emailCompany":"hotelcentrale@gmail.com","idType":"4"}}espo@ubuntu:~$
```

Getting advertisement with `idAdvertisement = 2` RATING via JSON format:

```
curl -v -X GET -H "Accept: application/json"
http://localhost:8080/ywti_wa2021_war/adv/2/rate
```

```
espo@ubuntu:~$ curl -v -X GET -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/2/rate
Note: Unnecessary use of -X or --request, GET is already inferred.
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> GET /ywti_wa2021_war/adv/2/rate HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Accept: application/json
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json;charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:45:26 GMT
<
* Connection #0 to host localhost left intact
{"rate":{"rate":4}}espo@ubuntu:~$
```

Getting advertisement with **idAdvertisement = 1** list of IMAGES info and location via JSON format:

```
curl -v -X GET -H "Accept: application/json"  
http://localhost:8080/ywti_wa2021_war/adv/1/image
```

```
espo@ubuntu:~$ curl -v -X GET -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/1/image  
Note: Unnecessary use of -X or --request, GET is already inferred.  
* Trying 127.0.0.1:8080...  
* TCP_NODELAY set  
* Connected to localhost (127.0.0.1) port 8080 (#0)  
> GET /ywti_wa2021_war/adv/1/image HTTP/1.1  
> Host: localhost:8080  
> User-Agent: curl/7.68.0  
> Accept: application/json  
>  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 200  
< Content-Type: application/json;charset=utf-8  
< Transfer-Encoding: chunked  
< Date: Fri, 23 Apr 2021 08:46:15 GMT  
<  
* Connection #0 to host localhost left intact  
{  
  "resourceList": [  
    {"image": {"idImage": "1", "path": "/ywti_wa2021_war/res/img/1/20210423_100950_1.png", "description": "ciao", "idAdvertisement": "1"}},  
    {"image": {"idImage": "2", "path": "/ywti_wa2021_war/res/img/1/20210423_100950_2.jpg", "description": "ciao", "idAdvertisement": "1"}},  
    {"image": {"idImage": "3", "path": "/ywti_wa2021_war/res/img/1/20210423_100950_3.jpg", "description": "ciao", "idAdvertisement": "1"}},  
    {"image": {"idImage": "4", "path": "/ywti_wa2021_war/res/img/1/20210423_100950_4.jpg", "description": "ciao", "idAdvertisement": "1"}}  
  ]  
}  
espo@ubuntu:~$
```

Getting advertisement with **idAdvertisement = 2** FEEDBACK LIST via JSON format:

```
curl -v -X GET -H "Accept: application/json"  
http://localhost:8080/ywti_wa2021_war/adv/2/feedback
```

```
espo@ubuntu:~$ curl -v -X GET -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/2/feedback  
Note: Unnecessary use of -X or --request, GET is already inferred.  
* Trying 127.0.0.1:8080...  
* TCP_NODELAY set  
* Connected to localhost (127.0.0.1) port 8080 (#0)  
> GET /ywti_wa2021_war/adv/2/feedback HTTP/1.1  
> Host: localhost:8080  
> User-Agent: curl/7.68.0  
> Accept: application/json  
>  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 200  
< Content-Type: application/json;charset=utf-8  
< Transfer-Encoding: chunked  
< Date: Fri, 23 Apr 2021 08:47:10 GMT  
<  
* Connection #0 to host localhost left intact  
{  
  "resourceList": [  
    {"feedback": {"emailTourist": "pluto@mail.com", "idAdvertisement": "2", "rate": "5", "text": "This was super cool!", "date": "2021-04-29"}},  
    {"feedback": {"emailTourist": "mariososi@gmail.com", "idAdvertisement": "2", "rate": "4", "text": "Good! I will surely come back", "date": "2021-04-30"}}  
  ]  
}  
espo@ubuntu:~$
```

Getting an ADVERTISEMENTS LIST for the SEARCH PARAMETERS chosen via JSON format:

```
curl -v -X GET -H "Accept: application/json" -H "Content-Type: application/json" -d '{"searchParameters":{"idType":"11","idCity":"28","dateStart":"2021-03-20"}}' http://localhost:8080/ywti_wa2021_war/adv
```

```
espo@ubuntu:~$ curl -v -X GET -H "Accept: application/json" -H "Content-Type: application/json" -d '{"searchParameters":{"idType":"11","idCity":"28","dateStart":"2021-03-20"}}' http://localhost:8080/ywti_wa2021_war/adv
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> GET /ywti_wa2021_war/adv HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Accept: application/json
> Content-Type: application/json
> Content-Length: 75
>
* upload completely sent off: 75 out of 75 bytes
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json; charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:31:03 GMT
<
* Connection #0 to host localhost left intact
{"resourceList":[{"advertisement":{"idAdvertisement":"2","title":"Tour of Cortina","description":"This is a mock advertisement. Requests to the REST web server will be made in order to show the desired advertisement.","score":"11","price":"35","numTotItem":"22","dateStart":"2021-04-19","dateEnd":"2021-04-25","timeStart":"18:30:00","timeEnd":"23:30:00","emailCompany":"hotelcentrale@gmail.com","idType":"11"}}]}espo@ubuntu:~$
```

Accessing RESTresources which DO require a logged user:

(NOTE:it's necessary to login before accessing them and replacing the JSESSIONID in the curl request)

Getting advertisement with **idAdvertisement = 1** BOOKINGS LIST via JSON format:

```
curl -v -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/1/booking
```

```
espo@ubuntu:~$ curl -v -H "Cookie:JSESSIONID=1B583B1F304FDCAF324EEE15607774CA" -H "Accept: application/json" http://localhost:8080/ywti_wa2021_war/adv/1/booking
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> GET /ywti_wa2021_war/adv/1/booking HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Cookie:JSESSIONID=1B583B1F304FDCAF324EEE15607774CA
> Accept: application/json
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json; charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:24:37 GMT
<
* Connection #0 to host localhost left intact
{"resourceList":[{"booking":{"emailTourist":"mariorossi@gmail.com","idAdvertisement":"1","date":"2020-03-23","time":"14:30:00","numBooking":"1","state":"SUCCESSFUL"}},{"booking":{"emailTourist":"pluto@gmail.com","idAdvertisement":"1","date":"2020-03-23","time":"14:30:00","numBooking":"2","state":"SUCCESSFUL"}},{"booking":{"emailTourist":"esposito.vittorio.1998@gmail.com","idAdvertisement":"1","date":"2021-04-23","time":"09:59:16","numBooking":"4","state":"SUCCESSFUL"}}]}espo@ubuntu:~$
```

CREATING an advertisement via JSON input:

```
curl -v --request POST -H
"Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept:
application/json" -H "Content-Type: application/json" -d '{"advertisement":{
{"idAdvertisement":"1","title":"Capodanno sulle dolomiti","description":"Sette
giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a
capodanno","score":"100","price":"800","numTotItem":"24","dateStart":"20
21-12-28","dateEnd":"2021-12-
28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentr
ale@gmail.com","idType":"6"}}}' http://localhost:8080/ywti_wa2021_war/adv-
create
```

```
espo@ubuntu:~$ curl -v --request POST -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" -H "Content-Type: application/json" -d '{"advertisement":{"idAdvertisement":"1","title":"Capodanno sulle dolomiti","description":"Sette giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a capodanno","score":"100","price":"800","numTotItem":"24","dateStart":"2021-12-28","dateEnd":"2021-12-28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentrale@gmail.com","idType":"6"}}' http://localhost:8080/ywti_wa2021_war/adv-create
Note: Unnecessary use of -X or --request, POST is already inferred.
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> POST /ywti_wa2021_war/adv-create HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Cookie: JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98
> Accept: application/json
> Content-Type: application/json
> Content-Length: 375
>
* upload completely sent off: 375 out of 375 bytes
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json;charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:41:52 GMT
<
* Connection #0 to host localhost left intact
{"advertisement":{"idAdvertisement":"5","title":"Capodanno sulle dolomiti","description":"Sette giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a capodanno","score":"254","price":"800","numTotItem":"24","dateStart":"2021-12-28","dateEnd":"2021-12-28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentrale@gmail.com","idType":"6"}}
espo@ubuntu:~$
```

DELETING an advertisement with `idAdvertisement = 4`:

```
curl -v -X DELETE -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" -H "Content-Type: application/json" http://localhost:8080/ywti_wa2021_war/adv/4
```

```
espo@ubuntu:~$ curl -v -X DELETE -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" -H "Content-Type: application/json" http://localhost:8080/ywti_wa2021_war/adv/4
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> DELETE /ywti_wa2021_war/adv/4 HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Cookie: JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98
> Accept: application/json
> Content-Type: application/json
>
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json; charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:39:42 GMT
<
* Connection #0 to host localhost left intact
{"message":{"message":"Advertisement successfully deleted!"}}espo@ubuntu:~$
```

EDITING advertisement with `idAdvertisement = 5` via JSON input (works even if the user passes only some of the advertisements attributes):

```
curl -v --request PUT -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" -H "Content-Type: application/json" -d '{"advertisement":{"idAdvertisement":"1","title":"EDITED Delicious dinner in the Dolomites, da Pino","description":"Sette giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a capodanno","score":"100","price":"800","numTotItem":"29","dateStart":"2021-12-28","dateEnd":"2021-12-28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentrale@gmail.com","idType":"6"}}' http://localhost:8080/ywti_wa2021_war/adv/5
```

```
espo@ubuntu:~$ curl -v --request PUT -H "Cookie:JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98" -H "Accept: application/json" -H "Content-Type: application/json" -d '{"advertisement":{"idAdvertisement":"1","title":"EDITED Delicious dinner in the Dolomites, da Pino","description":"Sette giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a capodanno","score":"100","price":"800","numTotItem":"29","dateStart":"2021-12-28","dateEnd":"2021-12-28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentrale@gmail.com","idType":"6"}}' http://localhost:8080/ywti_wa2021_war/adv/5
* Trying 127.0.0.1:8080...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 8080 (#0)
> PUT /ywti_wa2021_war/adv/5 HTTP/1.1
> Host: localhost:8080
> User-Agent: curl/7.68.0
> Cookie: JSESSIONID=6AD8C7B4A99B5842EEB628D3A2D92A98
> Accept: application/json
> Content-Type: application/json
> Content-Length: 400
>
* upload completely sent off: 400 out of 400 bytes
* Mark bundle as not supporting multiuse
< HTTP/1.1 200
< Content-Type: application/json; charset=utf-8
< Transfer-Encoding: chunked
< Date: Fri, 23 Apr 2021 08:42:59 GMT
<
* Connection #0 to host localhost left intact
{"advertisement":{"idAdvertisement":"5","title":"EDITED Delicious dinner in the Dolomites, da Pino","description":"Sette giorni di relax in mezzo alla neve delle dolomiti in Trentino alto adige a capodanno","score":"254","price":"800","numTotItem":"29","dateStart":"2021-12-28","dateEnd":"2021-12-28","timeStart":"14:14:14","timeEnd":"14:14:15","emailCompany":"hotelcentrale@gmail.com","idType":"6"}}espo@ubuntu:~$
```