API Test

API Testing of the CleanUp project (PAC academic year 2022-2023).

AUTHORIZATION Bearer Token

Token   ••••••••

Authentication

Iteration 2:

Authentication Service APIs.

POST Login

https://localhost:7162/v1/authentication/login

API that returns the JWT login token after entering the correct credentials.

BODY raw

```
{
  "email": "••••••••",
  "password": "••••••••"
}
```

POST RefreshToken

https://localhost:7162/v1/authentication/refresh

API that refreshes the specified JWT token.

BODY raw

```
{
  "token": "••••••••",
  "refreshToken": "••••••••"
}
```

Users

Iteration 3:

User management APIs

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection API Test

GET GetUser 🔒

> https://localhost:7162/v1/user/f4da4dfe-7593-4557-8b86-cb8c1e707092

API that returns the data of the user specified by his id.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

GET GetUsers 🔒

> https://localhost:7162/v1/user

API that returns the data of all the users.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

POST CreateUser 🔒

https://localhost:7162/v1/user

API that creates a new user.

BODY raw

```
{
  "name": "Filippo",
  "surname": "Bordogna",
  "phoneNumber": "2458975643",
  "email": "bordognapippo99@gmail.com",
  "emailConfirmed": true,
  "password": "Password2",
  "phoneNumberConfirmed": true
}
```

PUT UpdateUser 🔒

https://localhost:7162/v1/user/eeb194c5-b6c5-413e-8e49-3fb7158cd186

API that updates the data of the user specified by his id.

BODY raw

```
{
  "id": "eeb194c5-b6c5-413e-8e49-3fb7158cd186",
  "name": "Pippo",
  "surname": "Bordo",
  "phoneNumber": "4569873026"
}
```

DEL DeleteUser 🔒

https://localhost:7162/v1/user/eeb194c5-b6c5-413e-8e49-3fb7158cd186

API that deletes the user specified by his id.

POST UploadEvents 🔒

https://localhost:7162/v1/event/upload

API that uploads an excel file containing the events.

If the event is already in the database it will be updated otherwise it will be created.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

BODY formdata

files

Classrooms

Iteration 4:

Classroom management API.

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection API Test

GET GetClassrooms 🔒

https://localhost:7162/v1/classroom

API that returns the data of all the classrooms.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

Events

Iteration 4:

Event management APIs.

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection API Test

GET **GetEvents** 🔒

https://localhost:7162/v1/event?FromDate=2022-10-24T22:50:14.785Z&ToDate=2022-11-24T22:50:14.785Z&ClassroomId=A001 [Edificio A - Dalmine]

API that returns the data of all the events carried out in the specified classroom and time frame.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

PARAMS

FromDate	2022-10-24T22:50:14.785Z
ToDate	2022-11-24T22:50:14.785Z
ClassroomId	A001 [Edificio A - Dalmine]

GET **GetEvent** 🔒

https://localhost:7162/v1/event/42

API that returns the data of the event specified by its id.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

POST CreateEvent 🔒

https://localhost:7162/v1/event

API that creates a new event.

If the classroom is not in the database it will be created.

BODY raw

```
{
  "classroomId": "A001 [Edificio A - Dalmine]",
  "startTime": "1999-10-10T23:09:30.000Z",
  "endTime": "1999-10-10T23:11:30.000Z"
}
```

PUT UpdateEvent 🔒

https://localhost:7162/v1/event/452

API that updates the event specified by its id.

BODY raw

```
{
  "classroomId": "A001 [Edificio A - Dalmine]",
  "name": "STATISTICA E MODELLI STOCASTICI",
  "teacher": "Filippo Bordogna",
  "startTime": "1999-10-10T14:00:00.000Z",
  "endTime": "1999-10-10T16:30:00.000Z",
  "isActive": true
}
```

DEL DeleteEvent 🔒

https://localhost:7162/v1/event/452

API that deletes the event specified by its id.

Scheduler

Iteration 5:

Scheduler call APIs.

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection API Test

GET GetSchedule 🔒

    https://localhost:7162/v1/scheduler?FromDate=2022-10-24T22:50:14.785Z&ToDate=2022-11-24T22:50:14.785Z

API that returns the schedule of the events that take place in the specified time frame.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

PARAMS

FromDate	2022-10-24T22:50:14.785Z
ToDate	2022-11-24T22:50:14.785Z

POST ComputeSchedule 🔒

    https://localhost:7162/v1/scheduler/schedule?Date=2022-10-24T22:50:14.785Z

API that calls the scheduler in order to compute the schedule for the specified day.

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection API Test

PARAMS

Date	2022-10-24T22:50:14.785Z

GET getWorkDays 🔒

https://localhost:7162/v1/scheduler/work-day/f4da4dfe-7593-4557-8b86-cb8c1e707092?From=2022-10-24T22:50:14.785Z&To=2022-11-24T22:50:14.785Z

API that returns the user's working days in the time frame according to the specified data.

PARAMS

From	2022-10-24T22:50:14.785Z
To	2022-11-24T22:50:14.785Z

POST CreateWorkDay 🔒

https://localhost:7162/v1/scheduler/work-day

API that creates a new working day for the user specified by his id.

BODY raw

```
{
  "userId": "f4da4dfe-7593-4557-8b86-cb8c1e707092",
  "start": "2022-10-01T08:00:00.000Z",
  "end": "2022-10-01T12:00:00.000Z"
}
```

PUT UpdateWorkDay 🔒

https://localhost:7162/v1/scheduler/work-day/2

API that update the working day specified by its id.

BODY raw

```
{
  "start": "2022-10-01T08:00:00.000Z",
  "end": "2022-10-01T12:00:00.000Z"
}
```

Report

Iteration 6:

Report download API.

AUTHORIZATION Bearer Token

GET getReport 🔒

> https://localhost:7162/v1/report/daily-cleaning-operations?fromDate=2022-10-24T22:50:14.785Z&toDate=2022-11-24T22:50:14.785Z

API that returns an excel file containing the report of the scheduled interventions in the specified time frame.

AUTHORIZATION Bearer Token

PARAMS

fromDate	2022-10-24T22:50:14.785Z
toDate	2022-11-24T22:50:14.785Z