

QUICKWORK

DOCUMENTATION REST

UserController (/api/users)

Get Location Get a user location
/api/users/{id}/location (get)
Parameters: {id} = User id
success: <pre>{ "lat": null, "lon": null }</pre>
Error: <pre>{ "timestamp": "2023-01-05T10:52:33.114+00:00", "status": 404, "error": "Not Found", "message": "User with id 50 not found.", "path": "/api/users/50/location" }</pre>
Example:

Update User Location

Updates user location

/api/users/{id}/location (**PATCH**)

Parameters:

{id} = user id

Patch example:

```
{
  "lat": 3.603,
  "lon": 2.14
}
```

Success:

Error:

No message available

Example:

Add +1 job to a user
/api/users/{id}/addjob (PATCH)
Parameters: {id} = user id
Patch example:
Success:
Error: No message available
Example:

Add user Adds a user when a user signs in
/api/users (POST)
Post example: <pre>{ "name": "name", "email": "email", "jobnumber":0, "password":"password" }</pre>
When adding a new user on the app, (for debug purposes it's irrelevant), "jobnumber" must always be 0
Success: <pre>{ "id": id, "name": "name", "email": "email", "jobnumber":0, "rating": null }</pre>
Error: No message available
Example:

Owner of a work
/api/users/owner/{id} (Get)
Parameters: {id} = Id of the user
Success: <pre>{ "id": 5, "name": "Apolonia Casimiro", "email": "AC@gmail.com", "jobnumber": 6, "rating": 5 }</pre>
Error: <pre>{ "timestamp": "2023-01-05T11:22:05.212+00:00", "status": 404, "error": "Not Found", "message": "work with id 50 not found.", "path": "/api/users/owner/50" }</pre>
Example: <div></div>

Get a user

Removes a specific user

/api/users/:id (get)

Parameters:

Id: Id of the user

Success:

```
{
  "id": 18,
  "name": "Apolonia Casimiro",
  "email": "AC@gmail.com",
  "jobnumber": 6,
  "rating": 5
}
```

Error:

null

Example:

Is User Occupied
/api/users/{id}/occupied (get)
Parameters: {id} = id
Success: <pre>{ "haswork": false, "isowner": false }</pre>
Error: <pre>{ "timestamp": "2023-01-05T11:29:45.592+00:00", "status": 404, "error": "Not Found", "message": "User with Id 54 not found.", "path": "/api/users/jobs/54" }</pre>
Example: <div></div>

Users history

/api/users/job/{id}

Parameters:

{id} = id

Success:

```
{  
  "haswork": false,  
  "isowner": false  
}
```

Error:

No message available

Example:

WorkController(api/Work)

Get all AVAILABLE jobs for display on the map This will send all jobs that have no starting date, and will only send the id, location and type
/api/work (get)
Success: <pre>[{ "type": "Limpeza", "lat": 38.7115487417554, "lon": -9.159549968757467, "id": 2 }, ...]</pre>
Error: No message available
Example:

Get all information of a specific work

Send all the information of a specific work

/api/work /{id} (get)

Parameters:

{id} = Id of a work

Success:

```
{
  "id": 2,
  "pricehr": 23.0,
  "tip": null,
  "started_time": null,
  "finished_time": null,
  "typeid": 2,
  "lat": 38.7115487417554,
  "lon": -9.159549968757467
}
```

Error:

```
{
  "timestamp": "2023-01-05T11:32:35.741+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "id with Work 37 not found.",
  "path": "/api/work/37"
}
```

Example:

Get all users from work

Give all users that are working on a work

/api/work/users/{id} (get)

Parameters:

{id} = Id of a work

Success:

```
[
  {
    "id": 9,
    "rating": 4,
    "jobnumber": 2,
    "email": "UT@outlook.com",
    "name": "Urbano Tao"
  }, ...
]
```

Error:

```
{
  "timestamp": "2023-01-05T11:35:55.060+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "id with work 90 not found.",
  "path": "/api/work/users/90"
}
```

Example:

Create a Job

/api/work/{usrid} (**put**)

Post example:

```
{
  "pricehr": 20.0,
  "typeid": 3,
  "lat": 2.4243,
  "lon": 25.5214
}
```

Parameters:

{usrid} = Id of usr

Success:

```
{
  "id": 78,
  "pricehr": 20.0,
  "tip": null,
  "started_time": null,
  "finished_time": null,
  "typeid": 3,
  "lat": 2.4243,
  "lon": 25.5214
}
```

Error:

No message

Example:

Get work from owner

/api/work/owner/{usrid} (get)

Parameters:

{usrid} = Id of owner

Success:

```
{
  "id": 76,
  "tip": null,
  "pricehr": 20.0,
  "lon": -8.902028761804104,
  "type": "Montagem móveis",
  "lat": 38.63917188277663,
  "finished_time": "2023-01-12",
  "started_time": "2023-01-12"
}
```

Error:

```
{
  "timestamp": "2023-01-13T18:29:55.978+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "id with usr 50 not found.",
  "path": "/api/work/owner/50"
}
```

Example:

Get work from a worker

/api/work/user/{usrId} (**get**)

Parameters:
{usrId} = Id of usr

Success:

```
{
  "id": 78,
  "pricehr": 20.0,
  "tip": null,
  "started_time": null,
  "finished_time": null,
  "typeid": 3,
  "lat": 2.4243,
  "lon": 25.5214
}
```

Error:

```
{
  "timestamp": "2023-01-13T18:45:15.082+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "id with usr 80 not found.",
  "path": "/api/work/user/80"
}
```

Example:

Cancel a Job

/api/work/cancel/{workid} **(patch)**

Parameters:

{workid} = Id of work

Success:

```
{}
```

Error:

```
{
  "timestamp": "2023-01-13T18:45:15.082+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "work with id 80 not found.",
  "path": "/api/work/user/80"
}
```

Example:

Finish job

/api/work/finish/{workid} **(patch)**

Parameters:

{workid} = Id of work

Success:

```
{}
```

Error:

```
{
  "timestamp": "2023-01-13T18:45:15.082+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "work with id 80 not found.",
  "path": "/api/work/user/80"
}
```

Example:

Get State of work
/api/work/getState/{workid} (patch)
Parameters: {workid} = Id of work
Success: Em andamento
Error: <pre>{ "timestamp": "2023-01-13T18:45:15.082+00:00", "status": 404, "error": "Not Found", "message": "work with id 80 not found.", "path": "/api/work/user/80" }</pre>
Example:

Accept Work
/api/work/accept/{usrid}/{workid} (patch)
Parameters: {workid} = Id of work {usrid} = Id of user
Success: <div><code>{ }</code></div>
Error: No error message
Example:

WorkTypeController(api/worktype)

Get all types
/api/worktype (get)
Success: <div><pre>[{ "id": 1, "name": "Limpeza", "pricehr": 10.0 }, {...</pre></div>
Error: No message
Example:

CommentController(api/comment)

Post a comment
/api/comment (Post)
Post example: <pre>{ "comment": "comentario teste", "rating": 9, "ratingusrid": 14, "ratedusrwork": 59 }</pre>
Success: <pre>{ "id": 2, "comment": "comentário teste", "rating": 9, "ratingusrid": 14, "ratedusrwork": 59 }</pre>
Error: No message
Example:

Get Info to post comment
/api/comment/usrwork/{usrid} (Get)
Parameters: {usrid} = user id
Success: <pre>[{ "work_id": 77, "user_id": 4, "name": "Teo Avelino", "uw_id": 74 }]</pre>
Error: No message
Example:

List all comments from on a usr

/api/comment/{usrid} **(Get)**

Parameters:
{usrid} = user id

Success:

```
[
  {
    "id": 2,
    "comment": "Muito bom trabalho",
    "rating": 2,
    "ratingusrid": 14,
    "ratedusrwork": 53
  }, ...
]
```

Error:
No message

Example: