**QUICKWORK**

**DOCUMENTATION REST**

UsersController (/api/users)

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| **Get Location**  Get a user location |
| /api/users/{id}/location (**get**) |
| Parameters:  {id} = User id |
| success:  {      "lat": null,      "lon": null  } |
| Error:  {      "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"  } |
| Example: |

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| **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: |

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

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

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| **Owner of a work** |
| /api/users/owner/{id} **(Get)** |
| Parameters:  {Id} = Id of the user |
| Success:  {      "id": 5,      "name": "Apolonia Casimiro",      "email": "AC@gmail.com",      "jobnumber": 6,      "rating": 5  } |
| Error:  {      "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"  } |
| Example: |

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| **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: |

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| **Is User Occupied** |
| /api/users/{id}/occupied **(get)** |
| Parameters:  {id} = id |
| Success:  {      "haswork": false,      "isowner": false  } |
| Error:  {      "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"  } |
| Example: |

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| **Users history** |
| /api/users/job/{id} |
| Parameters:  {id} = id |
| Success:  {      "haswork": false,      "isowner": false  } |
| Error:  No message available |
| Example: |

WorkController(api/Work)

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| **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:  [      {          "type": "Limpeza",          "lat": 38.7115487417554,          "lon": -9.159549968757467,          "id": 2      },…  ] |
| Error:  No message available |
| Example: |

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| **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: |

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| **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: |

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| 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: |

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| --- |
| 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: |

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| 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: |

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| 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: |

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| --- |
| 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: |

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| --- |
| Get State of work |
| /api/work/getState/{workid} **(patch)** |
| Parameters:  {workid} = Id of work |
| Success:  Em andamento |
| 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: |

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| --- |
| Accept Work |
| /api/work/accept/{usrid}/{workid} **(patch)** |
| Parameters:  {workid} = Id of work  {usrid} = Id of user |
| Success:  {} |
| Error:  No error message |
| Example: |

WorkTypeController(api/worktype)

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| Get all types |
| /api/worktype **(get)** |
| Success:  [      {          "id": 1,          "name": "Limpeza",          "pricehr": 10.0      },  {…  ] |
| Error:  No message |
| Example: |

CommentController(api/comment)

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

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| --- |
| Get Info to post comment |
| /api/comment/usrwork/{usrid} **(Get)** |
| Parameters: {usrid} = user id |
| Success:  [      {          "work\_id": 77,          "user\_id": 4,          "name": "Teo Avelino",          "uw\_id": 74      }  ] |
| Error:  No message |
| Example: |

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| --- |
| 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: |