API Design documentation

Users username and password:

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| --- | --- | --- |
|  | User 1 | User 2 |
| Username | One | Two |
| Password | password1 | password2 |

Code to put in the body for some POST or PUT requests:

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| --- | --- |
| Test User body: | Test Item body: |
| {  "username": "test",  "password": "passwordtest",  "name": "Test test",  "dateOfBirth": "1912-05-20",  "address": "test Street 567",  "city": "Test",  "country": "Test",  "email": "test.test@test.com"  } | {  "title": "Test",  "description": "test test test",  "category": "Test",  "image": "test.img",  "askingPrice": 10  } |

These data are all of the type string except for the asking price which is an integer.

GET requests:

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| --- | --- |
| /users | Gets the list of all the users. |
| /items | Gets the list of all the items. |
| /userinfo | Gets the information of the user who is logged. |
| /items/:itemId | “/items/1” will display the information of the item 1. All the users can use this request. |
| /items/category/:category | Displays the items with the category “:category”.  Return an error message if there are no items with this category. |
| /items/title/:title | Displays the items with the title “:title”.  Return an error message if there are no items with this title. |
| /items/country/:country | Displays the items with the country “:country”.  Return an error message if there are no items with this country. |

POST requests:

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| --- | --- |
| /user | Creates a new user with all the data from the body. |
| /item | Creates an item with the data from the body, the today’s date and the country, the city and the name of the logged user. |

DELETE requests:

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| --- | --- |
| /user/:id | Deletes the user with the id “:id” only if it’s the id of the current logged user and deletes all the items of this user. |
| /item/:id | Deletes the item with the id “:id” only if the item is owned by the logged user. |

PUT request:

|  |  |
| --- | --- |
| /item/:Itemid | Modify the item with the id “:Itemid” with the data from the body if the item is owned by the logged user. The user can choose to modify the title, the description, the category, the image and the asking price. |