Simple REST API documentation for greenBay application

Note: Recommended application for testing - [Postman](https://www.postman.com/)

Note2: This API accpets and returns messages in JSON format

HINT: The database actually consists of minimum 2 users (sellers) who sell or sold products with ids 1-11. So you can play with it (e.g. list sellable items etc.)

1. REGISTER endpoint

POST https://greenbay-app-exercise.herokuapp.com/register

{

  "username" : "zdenek",

  "email" : "zdenek@test.cz",

  "password" : "password"

}

1. LOGIN endpoint - as result bearer token is recieved, which is needed for all other endpoints

POST https://greenbay-app-exercise.herokuapp.com/login

{

    "username":"zdenek",

    "password":"password"

}

1. CREATE NEW SELLABLE ITEM endpoint

POST https://greenbay-app-exercise.herokuapp.com/product + AUTHORIZATION: bearer token

{

  "name": "bike",

  "description": "red bike",

  "photoUrl": "http://localhost:8080",

  "startingPrice": 50,

  "purchasePrice": 250

}

1. LIST SELLABLE ITEMs endpoint

Will list 5 sellable items (not sold products) starting from set page (e.g. page=2 means, sellable items 6-10 are displayed, if exists)

GET https://greenbay-app-exercise.herokuapp.com/activedeals?page=2 + AUTHORIZATION: bearer token

1. GET DETAILS OF OWN ITEM endpoint

Will show all details about own selected item - based on the item ID. Other than own items wont be shown.

GET https://greenbay-app-exercise.herokuapp.com/product/7+ AUTHORIZATION: bearer token

1. BIDDING endpoint

You can bid on other items, but not on your own items - based on the idem ID and bidPrice. You can receive a lot of various errors such as:

* item not found
* item is already sold
* cant do bidding over own items
* not enought dollars
* bid is lower than 1 dollar
* bid is lower than previous highest bid (if any)

POST https://greenbay-app-exercise.herokuapp.com/bid/1?bidPrice=50 + AUTHORIZATION: bearer token

1. DEPOSIT DOLLARS endpoint

My favourite - every user can deposit unlimited amount of dollars to his account :-)

PUT https://greenbay-app-exercise.herokuapp.com/deposit?deposit=1000 + AUTHORIZATION: bearer token