Simple REST API documentation for greenBay application

Note: Recommended application for testing - [Postman](#)
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 1-14. 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"
}
```

2) LOGIN endpoint

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

```
{
    "username":"zdenek",
    "password":"password"
}
```

3) 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
}
```

4) 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

5) 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

6) 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

7) 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