

Simple REST API documentation for greenBay application

Note: Recommended application for testing - [Postman](#)

Note2: This API accepts 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"
}
```

2) LOGIN endpoint - as result bearer token is received, which is needed for all other endpoints

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/active-deals?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 won't 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 item 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 enough 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