The following is a job qualification exercise that requires knowledge in the following technologies:

- Java

- Spring boot

- Swagger

- REST API/JSON

- Docker

- Angular

Need to write a spring-boot application with a REST controller, which exposes a Swagger API catalog.

The application needs to expose the following APIs:

List of the inventory items list (item no, name, amount, inventory code

Read item details (by item no) --------- GET

Withdrawal quantity of a specific item from stock להוריד

Deposit quantity of a specific item to stock להוסיף

Add item to stock ---- POST

Delete an item from stock -------- DELETE

Data should be persisted on H2 DB using JPA.

Need to pack and run the application from docker.

Need to send a link to GitHub for source and docker hub for docker image

Need to return the exercise in a week.

Bonus points:

~~Creating Angular pages that enable to create/read/update and/delete the item.~~

Deploying the Application onto a hosting service(Netlify, Heroku).

Persistent the Data on a saas DB.

Creating JUnit tests for the API.

Documenting the steps in a README file.

Try to finish the above task even you don't know some of the things in 7 days and send your answer back by email.

For any questions ask google or contact us by email.

**URL HTTP METHOD COMMENT**

Items/ GET get All Items of the inventory

Items/{id} GET get Item details by ID

Items/{id} DELETE delete item by ID

Items/ POST add item to the inventory

Items/{id}/{quantity} PUT update quantity of an item