



# Scopic

## Junior DevOps Test Task

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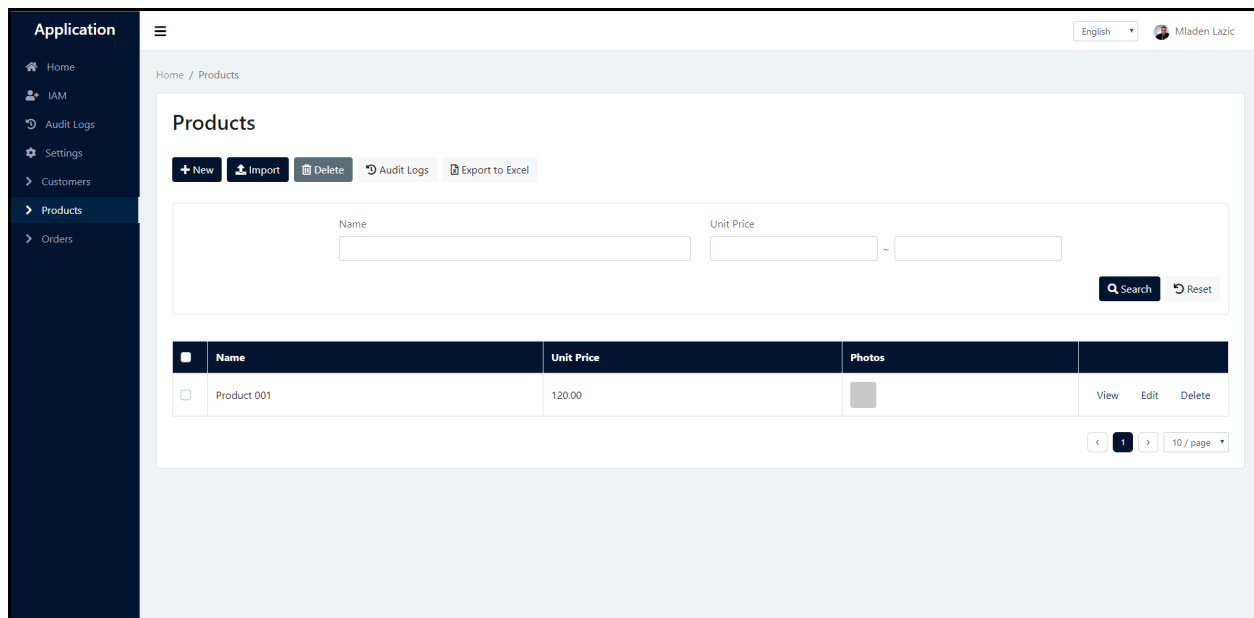
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## Task Description

The goal of this task is to deploy an application to production. The application is a simple inventory application with basic decoupling: frontend, backend, and database.

A working application looks like this:



You will be provided with the source code of the application and access to an AWS account where you will be doing the deployment.

The requirements of the task are the following:

- All AWS resources used need to be tagged with a tag in the form of *firstname-lastname*.
- The deployment needs to be scalable.
- The deployment needs to be secured.
- The deployment needs to be cost effective.
- The deployment technique is up to the candidate to choose, keeping in mind the above four requirements.
- EXTRA: Set up a basic CD pipeline with the tools of your choice.



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In addition to the deployed application, please deliver deployment documentation in the form of a DEPLOYMENT.MD file pushed to the root of the repository, which contains:

- Deployment diagram & explanation.
- Explain how the application will scale.
- Explain what security steps are considered if any.
- Base cost calculation.
- Cost estimation (with proper explanation) for 100, 1000, 10000 simultaneous app users.

## Other Details

Check the body of the email regarding this test task for access to a repository with the source code for the “Simple Inventory App” and to the AWS account to be used to implement the test task.

**When you submit your results, please indicate how long you spent on the test.**