

# Back End Development Challenge

## Requirements

- Platform: AWS
- Language code: Python
- Framework: Chalice
- Database: PostgreSQL using SQLAlchemy
- Interface: API – Postman

## Features

1. CRUD API Endpoints for a UnitMeasure model.  
With fields: unit measure id and name.
2. CRUD API Endpoints for a Products model.  
With fields: name, price, and unit measure id.  
Only can receive unit measure id's created.
3. API Endpoint to generate sales.  
With fields: date, quantity, and product.
4. API Request example of getting the sales of each product (Quantity and amount)
5. API Request example of getting the sales of all products (Quantity and amount)

## Evaluation Points

- Presentation quality
- Development process (Test, version control Git, etc.)
- Code structure
- Functionality
- Features complete
- \* Optional – an example with bigdata (millions of records)