Submission: Exercise 5 — Orderservice, Traefik & PostgreSQL Integration

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Repository: SBD-AIS-Exercise (Fork)

Pull Request:

https://github.com/ddibiasi/SBD-AIS-Exercise/pull/13

The PR includes:

• Fully working Orderservice implementation (Go) with:

 – REST endpoints

 – Model, repository, and Swagger documentation

 – Updated project structure

• Correct Docker Compose setup for:

 – PostgreSQL database

 – Orderservice backend

 – Traefik reverse proxy (routing via orders.localhost)

• Verified container connectivity and routing:

 – Traefik detects the service correctly

 – /api/v1/drinks reachable after correct configuration

 – Database connection validated via Go service logs

• ⚡⚡⚡Order System is running successfully

 All services start without errors and communicate correctly.

• Updated README.md for Exercise 5 including:

  – Overview

  – Technologies used

  – Folder structure

  – Build & run instructions

  – API endpoints

  – Swagger UI access

Status:

The pull request is open and ready for review and grading.