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| **Subject** | SWA – CS590 |
| **Assignment** | Lab 8 |
| **Date** | 8/21/2021 |
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| **Professor** | Rene de Jong |

# Lab Assignment 8: Microservice Introduction

**Exercise 1: Spring Boot Config Server**

* Run config server

**Graphical user interface, application

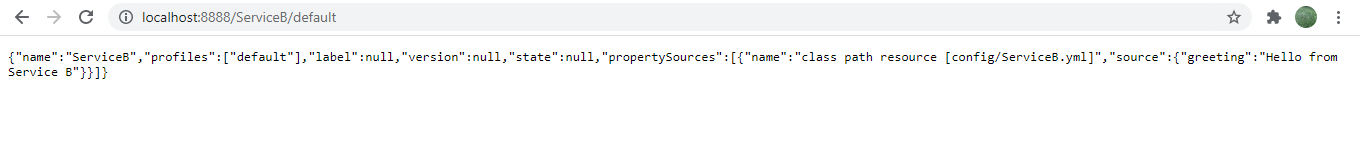
Description automatically generated**

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated



* Run config client Application A:

A picture containing graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

* Run config client Application B:

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Refer attached sources code for details

**Exercise 2: Config server for our webshop**

**All projects:**

**Graphical user interface, text, application, Word

Description automatically generated**

* configServer

**A picture containing graphical user interface

Description automatically generated**

Config yml files

Graphical user interface, text, application

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

* Customer Service

A picture containing graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

* Product service

A picture containing graphical user interface

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, Teams

Description automatically generated

* ShoppingCart

A picture containing timeline

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, Teams

Description automatically generated

* Order service

A picture containing timeline

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, Teams

Description automatically generated

* Running results with Client

Graphical user interface, text, application

Description automatically generated

Mongo DB database results:

Graphical user interface, text

Description automatically generated

Logs in Mongo DB

Text

Description automatically generated with medium confidence

Logs in ActiveMQ

Text

Description automatically generated

Refer attached sources code for details