SBA

Table of Contents

[Git URL 1](#_Toc23839273)

[Project Overview 1](#_Toc23839274)

[UI 2](#_Toc23839275)

[Dockerization 3](#_Toc23839276)

[CI 4](#_Toc23839277)

# **Git URL**

<https://github.com/keenkit/SBA.git>

# **Project Overview**

|  |  |
| --- | --- |
| Project name | Description |
| account-master | Account service, this service model takes care of user info (Login user). |
| auth-master | In charge of authentication |
| course-master | Course service, this service model takes care of course information. |
| payment-master | Payment service, this service model takes care of payment information. |
| gateway-master | API Gateway, the only portal for front end project. (Should run by second) |
| registry-master | Registry center (Should run by first) |
| front-master |  |

# **UI**

Mentor can add the course page:

1. Sign Up page (Can sign up as a user or a mentor):

A screenshot of a cell phone

Description automatically generated

1. After sign up as a mentor, after login he can add Courses.

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1. Normal user can find courses added and apply!

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1. Normal user can also view the applied courses by pushing the “plus” button above.

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# **Dockerization**

For Each service (Mysql), we use docker containers for them.

For example, see from

<https://github.com/keenkit/SBA/tree/master/account-master>

A close up of a logo

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For Mysql:

1. docker run -d --name account-mysql \
2. -e TZ='Asia/Shanghai' \
3. -e MYSQL\_DATABASE=sba\_account \
4. -e MYSQL\_ROOT\_PASSWORD=123456 \
5. -p 32001:3306 \
6. mysql:5.7 \
7. --character-**set**-server=utf8 \
8. --skip-character-**set**-client-handshake=1

For App:

1. docker run -it --name account-app \
2. -p 8084:8080 \
3. -v `pwd`/target/account -0.0.1-SNAPSHOT.jar:/apps/springboot.jar \
4. -e "SPRING\_PROFILES\_ACTIVE=prod" \
5. openjdk:8-jdk java \
6. -jar /apps/springboot.jar

# **CI**

I built up the Jenins docker container from an in internal server by script:

1. docker run -p 8080:8080 -p 50000:50000 \
2. -v /Users/will/Documents/jenkins:/**var**/jenkins\_home \
3. --name sba-jenkins -idt jenkins

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Detail settings:

A screenshot of a computer

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