

# SBA

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## Git URL

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

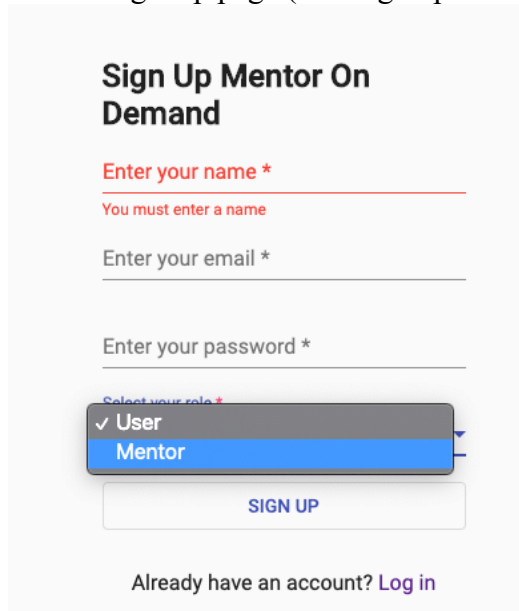
## Project Overview

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):



**Sign Up Mentor On Demand**

Enter your name \*

You must enter a name

Enter your email \*

Enter your password \*

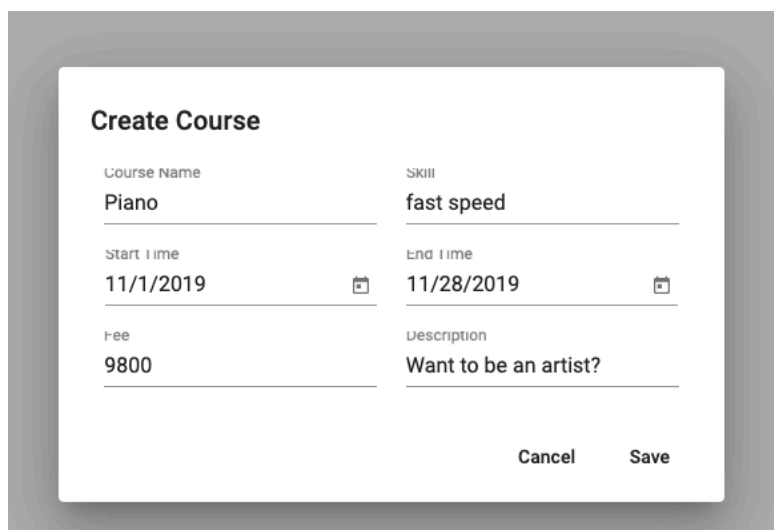
Select your role \*

- ✓ User
- Mentor

SIGN UP

Already have an account? [Log in](#)

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




**Create Course**

Course Name	Skill
Piano	fast speed
Start time	End time
11/1/2019	11/28/2019
Fee	Description
9800	Want to be an artist?

Cancel Save


3. Normal user can find courses added and apply!

**Mentor On Demand** Find Mentor 


Courses

In Progress

Completed



**Skill: Piano**  
Course Name: Music



Start Date: 2019-11-04

Fee: \$600

End Date: 2019-11-08

Duration:

Description: Enjoy our music


Mentor: mentor1@ibm.com

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

Courses

**In Progress**

Completed



**Skill: Angular**  
Course Name: Computer

Start Date: 2019-10-31

Fee: \$

End Date: 2019-11-21

Progress:

Description: Computer science

Mentor: mentor1@ibm.com



Cost:

## 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 href="#">start-database.sh</a>	Will-Init commits
 <a href="#">stop-database.sh</a>	Will-Init commits

## 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
```

AllFalconSBA Solo+


add description

S	W	Name ↓	Last Success	Last Failure	Last Duration	
		<a href="#">sba-account</a>	10 hr - #9	10 hr - #8	1 min 41 sec	
		<a href="#">sba-auth</a>	10 hr - #2	10 hr - #1	4 min 18 sec	
		<a href="#">sba-course</a>	10 hr - #1	N/A	2 min 41 sec	
		<a href="#">sba-payment</a>	10 hr - #1	N/A	2 min 18 sec	

Icon: S M L

Legend RSS for all RSS for failures RSS for just latest builds

## Detail settings:

 Jenkins

Jenkins → sba-account

search

GeneralSource Code ManagementBuild TriggersBuild EnvironmentBuildPost-build Actions

Project name

sba-account

Description

[Plain text] Preview

☐ Discard old builds

☐ GitHub project

☐ This project is parameterized

☐ Throttle builds

☐ Disable this project

☐ Execute concurrent builds if necessary

Advanced...

Source Code Management

☐ None

☒ Git

Repositories

Repository URL

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

Credentials

chopin.champagne@gmail.com/\*\*\*\*\*

Add

Advanced...

Add Repository

Save

Apply

Branches to build

Branch Specifier (blank for 'any')

\*/master

Add Branch

Repository browser

(Auto)

Additional Behaviours

Add

Build Triggers

☐ Build after other projects are built

☐ Build periodically

☐ GitHub hook trigger for GITScm polling

☐ Poll SCM

Build Environment

☐ Use secret text(s) or file(s)

☐ Send files or execute commands over SSH before the build starts

☐ Send files or execute commands over SSH after the build runs

☐ Abort the build if it's stuck

☐ Add timestamps to the Console Output

☐ With Ant

Build

Execute shell

Command

echo 'Start to build'  
ls -ltr  
cd account-master  
export MAVEN\_HOME=/opt/apache-maven-3.6.0  
export PATH=\$PATH:\$MAVEN\_HOME/bin  
mvn --version  
mvn clean install -DskipTests

See the list of available environment variables

Advanced...

Add build step

Post-build Actions

Add post-build action

Save

Apply

Page generated: Nov 5, 2019 1:31:08 AM UTC [REST API](#) [Jenkins ver. 2.60.3](#)