**Project name:** online course

**Description:** web application with front and java backend using microservice.

**Microservices:**

auth-service

check request to authentication

common-service

connected with auth-service and provide configurations, gives privilege

course

main service, where all microservice called and returned information to web pages

course-information

get from database information about courses and send it to main service

course-rating(user-service)

get username and password from database

course-request

get from course-info service courses and return notification

discovery

Eureka server

notify-service

get course request user id and course id and notify user by email

zuul-server

gateway service provides dynamic routing, monitoring, resiliency, security, and more

quiz-service

generate exam/questions/answers for course

**Front-end**

**Pages:**

home/index

show main information about web site and courses

courses

show all available courses

course(id)

contains information about specific course

sign-in

authentication page

exam page

pass exam after course

