Gitlab 소스 클론 이후 빌드 및 배포할 수 있도록 정리한 문서

1.사용한 JVM, 웹서버, WAS 제품 등의 종류와 설정값, 버전(IDE버전 포함) 기제

* Springboot 2.7.7
* Nginx 1.18.0
* Java 11
* Node 16.18.0

2.빌드 시 사용되는 환경 변수 등의 주요 내용 상세 기재

* front, back, socketserver에 각각의 빌드 실행 사항이 작성된 Dockerfile 존재
* back Dockerfile
* FROM node:16.18.0 as build-stage  
  WORKDIR /var/jenkins\_home/workspace/deploytest/front  
  COPY package\*.json ./  
  RUN npm install  
  COPY . .  
  RUN npm run build  
  FROM nginx:stable-alpine as production-stage  
    
  RUN apk add python3 python3-dev py3-pip build-base libressl-dev musl-dev libffi-dev  
  RUN pip3 install pip --upgrade  
  RUN pip3 install certbot-nginx  
  RUN mkdir /etc/letsencrypt  
    
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/build /usr/share/nginx/html  
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/deploy\_conf/nginx.conf /etc/nginx/conf.d/default.conf  
  EXPOSE 3000  
  CMD ["nginx", "-g","daemon off;"]
* Front Dockerfile
* FROM node:16.18.0 as build-stage  
  WORKDIR /var/jenkins\_home/workspace/deploytest/front  
  COPY package\*.json ./  
  RUN npm install  
  COPY . .  
  RUN npm run build  
  FROM nginx:stable-alpine as production-stage  
    
  RUN apk add python3 python3-dev py3-pip build-base libressl-dev musl-dev libffi-dev  
  RUN pip3 install pip --upgrade  
  RUN pip3 install certbot-nginx  
  RUN mkdir /etc/letsencrypt  
    
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/build /usr/share/nginx/html  
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/deploy\_conf/nginx.conf /etc/nginx/conf.d/default.conf  
  EXPOSE 3000  
  CMD ["nginx", "-g","daemon off;"]
* socketserver Dockerfile
* FROM node:16.18.0 as build-stage  
  WORKDIR /var/jenkins\_home/workspace/deploytest/front  
  COPY package\*.json ./  
  RUN npm install  
  COPY . .  
  RUN npm run build  
  FROM nginx:stable-alpine as production-stage  
    
  RUN apk add python3 python3-dev py3-pip build-base libressl-dev musl-dev libffi-dev  
  RUN pip3 install pip --upgrade  
  RUN pip3 install certbot-nginx  
  RUN mkdir /etc/letsencrypt  
    
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/build /usr/share/nginx/html  
  COPY --from=build-stage /var/jenkins\_home/workspace/deploytest/front/deploy\_conf/nginx.conf /etc/nginx/conf.d/default.conf  
  EXPOSE 3000  
  CMD ["nginx", "-g","daemon off;"]

3.배포 시 특이사항 기재

/etc/nginx/sites-available/nginx.conf 에 포트, 프록시 정보 저장되어있음

4.DB 접속 정보 등 프로젝트(ERD)에 활용되는 주요 계정 및 프로퍼티가 정의된 파일 목록

* mysql
  + ID : root
  + PW : qwe123
* 구글 이메일 보내기
  + ID : [marmar204204c@gmail.com](mailto:spring.mail.username=marmar204204c@gmail.com)
  + PW : qyofefmznrloknps