TRISY 포팅 메뉴얼

FrontEnd

Version

- React 18.2.0
- TypeScript 4.6.3
- Vite 2.9.9
- Tailwindcss 3.2.7
- Styled-Components 5.1.26

```
## Project setup

```
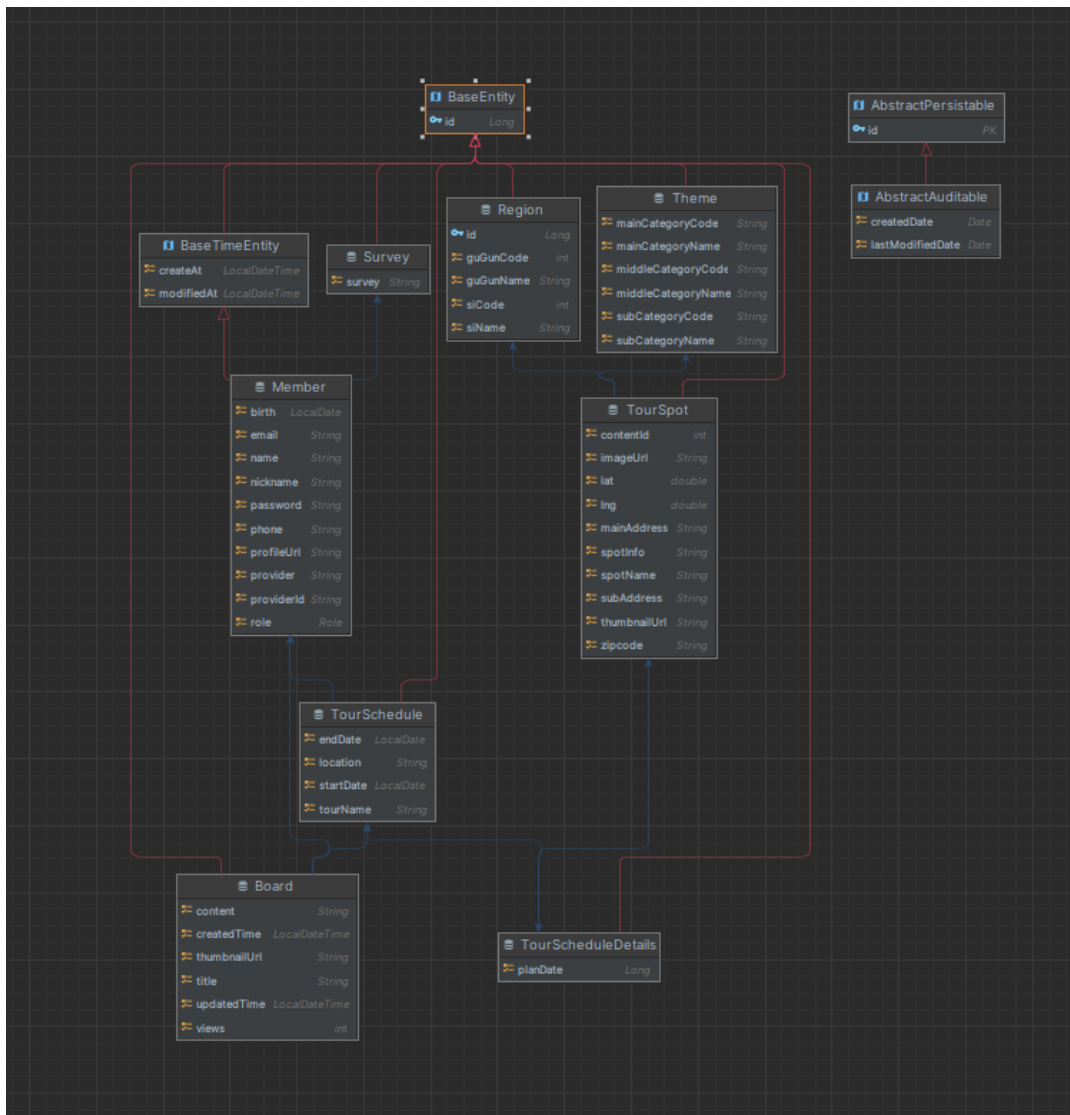npm install
```

Compiles and hot-reloads for development

```
npm run dev
```
```

Backend

version

- **IDE**

  IntelliJ IDEA 2022.3.1 (Ultimate Edition)
- **JVM**

  Zulu openjdk 11.0.1
- **Gradle**

  Gradle 6.8

Entity Diagram

build.gradle

```
plugins {
    id 'java'
    id 'org.springframework.boot' version '2.7.9'
    id 'io.spring.dependency-management' version '1.0.15.RELEASE'
}

group = 'com.c202'
version = '0.0.1-SNAPSHOT'
sourceCompatibility = '11'

configurations {
    compileOnly {
        extendsFrom annotationProcessor
    }
}

repositories {
    mavenCentral()
}

dependencies {
    implementation 'org.springframework.boot:spring-boot-starter-data-jpa'
```

```
    implementation 'org.springframework.boot:spring-boot-starter-security'
    implementation 'org.springframework.boot:spring-boot-starter-web'
    implementation 'org.springframework.boot:spring-boot-starter-oauth2-client'
    implementation 'org.springframework.boot:spring-boot-starter-data-redis'
    implementation group: 'com.auth0', name: 'java-jwt', version: '4.2.1'
    implementation 'io.jsonwebtoken:jjwt-api:0.11.2'
    implementation 'io.jsonwebtoken:jjwt-impl:0.11.2'
    implementation 'io.jsonwebtoken:jjwt-jackson:0.11.2'
    compileOnly 'org.projectlombok:lombok'
    developmentOnly 'org.springframework.boot:spring-boot-devtools'

    implementation group: 'org.mariadb.jdbc', name: 'mariadb-java-client', version: '2.7.0'
    runtimeOnly 'com.mysql:mysql-connector-j'
    annotationProcessor 'org.projectlombok:lombok'
    testImplementation 'org.springframework.boot:spring-boot-starter-test'
    testImplementation 'org.springframework.security:spring-security-test'


    implementation 'io.awspring.cloud:spring-cloud-starter-aws:2.3.1'

}

tasks.named('test') {
    useJUnitPlatform()
}
```

배포

DockerCompose.yml

```
version: '3'

services:
        jenkins:
                image: jenkins/jenkins:lts
                container_name: jenkins
                volumes:
                        - /usr/bin/docker:/usr/bin/docker
                        - /var/run/docker.sock:/var/run/docker.sock
                        - /jenkins:/var/jenkins_home
                ports:
                        - "9090:8080"
                privileged: true
                user: root
~
~
```

Dockerfile

backend

```
FROM adoptopenjdk/openjdk11 AS builder
COPY gradlew .
COPY gradle gradle
COPY build.gradle .
COPY settings.gradle .
COPY src src
RUN chmod +x ./gradlew
```

```
RUN ./gradlew bootJAR

FROM adoptopenjdk/openjdk11
COPY --from=builder build/libs/*.jar app.jar
EXPOSE 8080
ENTRYPOINT ["java", "-jar", "/app.jar"]
```

frontend

```
FROM node:16.15.0 as build-stage
WORKDIR /var/jenkins_home/workspace/S08P22C202/FrontEnd
COPY package*.json ./
RUN npm install
COPY . .
RUN npm run build
FROM nginx:stable-alpine as production-stage

COPY --from=build-stage /var/jenkins_home/workspace/S08P22C202/FrontEnd/dist /usr/share/nginx/html
COPY --from=build-stage /var/jenkins_home/workspace/S08P22C202/FrontEnd/deploy_conf/nginx.conf /etc/nginx/conf.d/default.conf
EXPOSE 80
CMD ["nginx", "-g","daemon off;"]
```

recommend

```
FROM python:latest

RUN apt-get update && apt-get install -y openjdk-11-jdk

COPY . .

RUN pip install -r requirements.txt

CMD uvicorn --host=0.0.0.0 --port 8000 main:app
```

Image Server

AWS S3

버킷 (1) Info
버킷은 S3에 저장되는 데이터의 컨테이너입니다. 자세히 알아보기 ☑

	이름 ▲	AWS 리전	▽
○	trisy	아시아 태평양(서울) ap-northeast-2	