

exec

[1]정리 문서

1. 사용한 JVM, 웹 서버, WAS 제품 등의 종류와 설정 값, 버전

항목	사용버전
JVM	OpenJDK 17
웹 서버	Nginx 1.18.0
WAS	Spring Boot 3.4.3(내장 Tomcat 사용)
DB	MySQL 8.0.41
컨테이너	Docker 26.1.3
인증방식	JWT (jjwt-api 0.11.2, jjwt-impl 0.11.2, jjwt-jackson 0.11.2)
CI/CD	Jenkins 2.492.3
파일저장	AWS SDK for Java v1-S3(com.amazonaws:aws-sdk-s3:1.12.674)
의존성 관리	Gradle 3.4.3
IDE	IntelliJ Ultimate 2023.3.8

2. 빌드시 사용되는 환경변수

Credentials

T	P	Store	Domain	ID	Name
💻	🔑	System	(global)	dockerHubAccessAccount	ddukio/******/ (Docker Hub 계정)
🔑	🔑	System	(global)	ec2_ssh_key	ubuntu (EC2 SSH Key for Deployment)
💻	🔑	System	(global)	gitlab_access_token	dydkssk147258/******/ (깃랩 유저 access token)
💻	🔑	System	(global)	catprojectaccesstoken	깃랩 프로젝트 토큰
💻	🔑	System	(global)	FRONTEND_ENV_FILE	.env.production (frontend .env.production)
💻	🔑	System	(global)	Application.properties	application.properties (서버 스프링 설정 파일)

1)

.env.production

(secret file)

(서버)

```
VITE_API_BASE_URL=https://j12c107.p.ssafy.io
```

1-1)

.env.local

(로컬)

```
VITE_API_BASE_URL=http://localhost:8080
```

2)

application.properties

(secret file)

(서버)

```
spring.application.name=BE

app.base.url=https://j12c107.p.ssafy.io

# OAuth2 Client
spring.security.oauth2.client.registration.kakao.client-id=a5fd60a07f0865dce
spring.security.oauth2.client.registration.kakao.redirect-uri=https://j12c107.p.s
spring.security.oauth2.client.registration.kakao.authorization-grant-type=auth
spring.security.oauth2.client.registration.kakao.client-name=Kakao
spring.security.oauth2.client.registration.kakao.client-secret=0wbaMBfaJ3z8k

# OAuth2 Provider
spring.security.oauth2.client.provider.kakao.authorization-uri=https://kauth.kakao.co
spring.security.oauth2.client.provider.kakao.token-uri=https://kauth.kakao.co
spring.security.oauth2.client.provider.kakao.user-info-uri=https://kapi.kakao.co
spring.security.oauth2.client.provider.kakao.user-name-attribute=id

# JWT
jwt.secret = ilikecat123ilikecat123ilikecat123ilikecat123ilikecat123ilikecat123ilik
jwt.access-token.expiration = 3600000
jwt.refresh-token.expiration = 1209600000

# Data Base
# 수정 후:
spring.datasource.url=jdbc:mysql://mysql:3306/catcat?serverTimezone=UTC
spring.datasource.username=root
spring.datasource.password=ksh147!!
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.database-platform=org.hibernate.dialect.MySQL8Dialect
spring.jpa.hibernate.ddl-auto=none

# JPA
spring.jpa.show-sql=true
spring.jpa.properties.hibernate.format_sql=true

# log
logging.level.org.springframework.security=DEBUG
```

```
logging.level.org.springframework.security.oauth2=DEBUG
logging.level.org.springframework.security.oauth2.client=DEBUG

# finance api key
finance.api.key=4fd56093078f45a6b95a1e77a1334282

# AWS S3
cloud.aws.region.static=us-east-2
cloud.aws.credentials.access-key=AKIA46ZDE5SA2BAQEBW7
cloud.aws.credentials.secret-key=jvJ5wxMgQmmcv58y+SG+VZhHjTNPT2DB
cloud.aws.stack.auto=false
cloud.aws.s3.bucket=my-catcat-bucket

spring.servlet.multipart.enabled=true
spring.servlet.multipart.max-file-size=10MB
spring.servlet.multipart.max-request-size=10MB

default.profile.image.url=https://my-catcat-bucket.s3.us-east-2.amazonaws.c
s3.prefix=server

# server time
spring.jackson.time-zone=Asia/Seoul
spring.jpa.properties.hibernate.jdbc.time_zone=Asia/Seoul

# Kafka 서버 주소 (docker-compose에서 설정한 kafka:9092)
spring.kafka.bootstrap-servers=kafka:9092

# producer 관련 설정
spring.kafka.producer.key-serializer=org.apache.kafka.common.serialization.S
spring.kafka.producer.value-serializer=org.apache.kafka.common.serialization.S

# consumer 관련 설정 (추후 consumer 만들 때 사용됨)
spring.kafka.consumer.key-deserializer=org.apache.kafka.common.serialization.S
spring.kafka.consumer.value-deserializer=org.apache.kafka.common.serialization.S
spring.kafka.consumer.group-id=catcat-consumer-group

service.account.number=0018031273647742
```

```
service.user.key=c2158201-76d8-4753-b517-bf14056da5e9

management.endpoints.web.exposure.include=*
management.endpoint.prometheus.enabled=true
management.endpoints.web.base-path=/actuator

spring.data.redis.host=redis
spring.data.redis.port=6379

gpt.api.key=sk-proj-f4VsEm1pbbnrucTd01MWZsQjV42_JAck_q0c0kW5-nnHB'
```

2-1)

application.properties

(로컬)

```
spring.application.name=BE

app.base.url=http://localhost:5173

# OAuth2 Client
spring.security.oauth2.client.registration.kakao.client-id=a5fd60a07f0865dce
spring.security.oauth2.client.registration.kakao.redirect-uri=http://localhost:8080
spring.security.oauth2.client.registration.kakao.authorization-grant-type=authorization_code
spring.security.oauth2.client.registration.kakao.client-name=Kakao
spring.security.oauth2.client.registration.kakao.client-secret=0wbaMBfaj3z8k

# OAuth2 Provider
spring.security.oauth2.client.provider.kakao.authorization-uri=https://kauth.kakao.com/oauth/authorize
spring.security.oauth2.client.provider.kakao.token-uri=https://kauth.kakao.com/oauth/token
spring.security.oauth2.client.provider.kakao.user-info-uri=https://kapi.kakao.com/v2/user/me
spring.security.oauth2.client.provider.kakao.user-name-attribute=id

# JWT
jwt.secret = ilikecat123ilikecat123ilikecat123ilikecat123ilikecat123ilikecat123ilik
jwt.access-token.expiration = 3600000
```

```
jwt.refresh-token.expiration = 1209600000

# Data Base
spring.datasource.url=jdbc:mysql://localhost:3306/catcat?serverTimezone=U
spring.datasource.username=root
spring.datasource.password=1234
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.jpa.database-platform=org.hibernate.dialect.MySQL8Dialect
spring.jpa.hibernate.ddl-auto=none

# JPA
spring.jpa.show-sql=true
spring.jpa.properties.hibernate.format_sql=true

# log
logging.level.org.springframework.security=DEBUG
logging.level.org.springframework.security.oauth2=DEBUG
logging.level.org.springframework.security.oauth2.client=DEBUG

# finance api key
finance.api.key=4fd56093078f45a6b95a1e77a1334282
# ??? ? ? ? ? ? ? ? (??? ?????)
service.account.number=0018031273647742
service.user.key=c2158201-76d8-4753-b517-bf14056da5e9

# AWS S3
cloud.aws.region.static=us-east-2
cloud.aws.credentials.access-key=AKIA46ZDE5SA2BAQEBW7
cloud.aws.credentials.secret-key=jvJ5wxMgQmmcv58y+SG+VZhHjTNPT2DB
cloud.aws.stack.auto=false
cloud.aws.s3.bucket=my-catcat-bucket

spring.servlet.multipart.enabled=true
spring.servlet.multipart.max-file-size=10MB
spring.servlet.multipart.max-request-size=10MB

default.profile.image.url=https://my-catcat-bucket.s3.us-east-2.amazonaws.c
```

```

s3.prefix=local

# server time
spring.jackson.time-zone=Asia/Seoul
spring.jpa.properties.hibernate.jdbc.time_zone=Asia/Seoul

# actuator endpoint
management.endpoints.web.exposure.include=*
management.endpoint.prometheus.enabled=true
management.endpoints.web.base-path=/actuator

# Redis
spring.data.redis.host=127.0.0.1
spring.data.redis.port=6379

gpt.api.key=sk-proj-f4VsEm1pbbnrucTd01MWZsQjV42_JAck_q0c0kW5-nnHB'

```

3. 배포시 특이사항

- application.properties와 프론트 env 파일은 서버는 젠킨스 credential에 secret file(보안 강조)로, 로컬은 git에 안 올라가게 설정 해두었습니다.
- 서버용 application.properties의 credential ID는 Application.properties입니다. (앞글자 대문자)

Jenkins 파이프라인

```

pipeline {
    agent any

    environment {

```

```

    DOCKER_CREDENTIALS = 'dockerHubAccessAccount'
    GITLAB_CRED = 'gitlab_access_token'
    SSH_CREDENTIALS = 'ec2_ssh_key'
    APP_PROPERTIES_CRED = 'Application.properties'
    DOCKER_HUB_ID = 'ddukio'
    BACKEND_IMAGE = 'backend'
    FRONTEND_IMAGE = 'frontend'
    EC2_HOST = 'j12c107.p.ssafy.io'
    EC2_USER = 'ubuntu'
    IMAGE_TAG = 'latest'
    TARGET_DIR = '/home/ubuntu/S12P21C107'

}

triggers {
    gitlab(
        triggerOnPush: true,
        triggerOnMergeRequest: true,
        branchFilterType: "NameBasedFilter",
        includeBranchesSpec: "develop, master",
        secretToken: "my-gitlab-token"
    )
}

stages {

    stage('Clone Repository') {
        steps {
            git branch: 'develop',
            credentialsId: "${GITLAB_CRED}",
            url: 'https://lab.ssafy.com/s12-fintech-finance-sub1/S12P21C107.git'
        }
    }

    stage('Inject Application Properties') {
        steps {
            dir('BE') {
                sh 'rm -f src/main/resources/application.properties'
                sh 'mkdir -p src/main/resources'
            }
        }
    }
}

```

```

        }
    withCredentials([file(credentialsId: "${APP_PROPERTIES_CRED}", variableName: "APP_PROPERTIES_FILE")]) {
        dir('BE') {
            sh 'cp "$APP_PROPERTIES_FILE" src/main/resources/application.properties'
        }
    }
}

stage('Inject Frontend .env.production') {
    steps {
        dir('FE') {
            sh 'rm -f .env.production'
            withCredentials([file(credentialsId: 'FRONTEND_ENV_FILE', variableName: "ENV_FILE")]) {
                sh 'cp "$ENV_FILE" .env.production'
            }
        }
    }
}

stage('Build Backend') {
    steps {
        dir('BE') {
            sh 'chmod +x gradlew'
            sh './gradlew clean build -x test -Duser.timezone=Asia/Seoul'
        }
    }
}

stage('Prepare JAR for Docker') {
    steps {
        dir('BE') {
            sh """
                mkdir -p build/libs
                cp build/libs/*.jar build/libs/app.jar
                """
        }
    }
}

```

```

stage('Docker Build & Push') {
    steps {
        script {
            withDockerRegistry([credentialsId: "${DOCKER_CREDENTIALS}",]
                sh """
                    docker build -t ${DOCKER_HUB_ID}/${BACKEND_IMAGE}:${IMAGE_TAG}
                    docker push ${DOCKER_HUB_ID}/${BACKEND_IMAGE}:${IMAGE_TAG}
                """
                sh """
                    docker build -t ${DOCKER_HUB_ID}/${FRONTEND_IMAGE}:${IMAGE_TAG}
                    docker push ${DOCKER_HUB_ID}/${FRONTEND_IMAGE}:${IMAGE_TAG}
                """
            }
        }
    }
}

stage('Copy Repository to EC2') {
    steps {
        sshagent([SSH_CREDENTIALS]) {
            sh """
                ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST}
            """
            sh """
                rsync -avz --delete \
                    --exclude '.git' \
                    --exclude 'build' \
                    --exclude 'tmp' \
                    -e "ssh -o StrictHostKeyChecking=no" \
                    . ${EC2_USER}@${EC2_HOST}:${TARGET_DIR}/
            """
        }
    }
}

stage('Fix .my.cnf Permission') {

```

```

steps {
    sshagent([SSH_CREDENTIALS]) {
        sh """
            ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST}
            sudo chmod 644 ${TARGET_DIR}/exporter/.my.cnf
        """
    }
}

stage('Pre-cleanup') {
    steps {
        sshagent([SSH_CREDENTIALS]) {
            sh """
                ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST}
                cd ${TARGET_DIR}
                docker-compose down --remove-orphans
                docker container prune -f
                docker image prune -f
                exit
            """
        }
    }
}

stage('Deploy with Docker Compose') {
    steps {
        sshagent([SSH_CREDENTIALS]) {
            sh """
                ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST}
                cd ${TARGET_DIR}
                docker-compose up --build -d
                exit
            """
        }
    }
}

```

```

        }
    }

stage('Verify Deployment') {
    steps {
        sshagent([SSH_CREDENTIALS]) {
            sh "ssh -o StrictHostKeyChecking=no ${EC2_USER}@${EC2_HOST}"
        }
    }
}

post {
    always {
        echo "Pipeline execution finished."
    }
    success {
        echo "Deployment successful!"
    }
    failure {
        echo "Deployment failed!"
    }
}
}

```

1. environment (환경 변수 정의)

- Jenkins Credentials (민감 정보)
 - `DOCKER_CREDENTIALS` : DockerHub 로그인 정보
 - `GITLAB_CRED` : GitLab 저장소 접근 토큰
 - `SSH_CREDENTIALS` : EC2 SSH 키
 - `APP_PROPERTIES_CRED` : 백엔드 설정 파일
- 환경 정보
 - `DOCKER_HUB_ID` : DockerHub 계정 ID

- `BACKEND_IMAGE`, `FRONTEND_IMAGE`: Docker 이미지 이름
- `EC2_HOST`, `EC2_USER`, `TARGET_DIR`: EC2 서버 정보
- `IMAGE_TAG`: 도커 이미지 태그 (`latest`)

2. triggers (자동 실행 조건)

- GitLab의 `develop` 또는 `master` 브랜치에 **push 또는 merge** 시 파이프라인 자동 실행
- GitLab Webhook에 사용되는 `secretToken` 지정

- 1. Clone Repository

- GitLab 저장소의 `develop` 브랜치를 Jenkins가 Git을 통해 clone함

- 2. Inject Application Properties

- 백엔드 폴더(BE) 내부의 `application.properties` 를 Jenkins Credential에 등록된 설정 파일로 교체

-3. Inject Frontend .env.production

- 프론트엔드 폴더(FE)에 `.env.production` 을 Jenkins Credential에서 주입

-4. Build Backend

- Gradle로 백엔드 애플리케이션을 빌드 (`test` 는 생략)
- 타임존은 `Asia/Seoul` 로 설정

-5. Docker Build & Push

- DockerHub에 로그인 후
 - 백엔드 Docker 이미지 빌드 및 push
 - 프론트엔드 Docker 이미지 빌드 및 push

-6. Copy Repository to EC2

- Jenkins에서 EC2로 SSH 접속 후
- `/home/ubuntu/S12P21C107` 경로에 프로젝트 전체 소스코드 `rsync` 복사

-7. Fix .my.cnf Permission

- EC2에 있는 `exporter/.my.cnf` 파일의 권한을 `644`로 설정

-8. Pre-cleanup

- EC2 서버에서 기존 Docker Compose 서비스 중단
- 중단된 컨테이너 및 사용되지 않는 이미지 정리

-9. Deploy with Docker Compose

- EC2 서버에서 `docker-compose up --build -d` 실행
- 새로운 이미지로 서비스 재시작

-10. Verify Deployment

- EC2에서 실행 중인 Docker 컨테이너 목록 확인 (`docker ps`)

빌드 후 마지막은 항상 docker ps로 확인 요망

```
ubuntu@ip-172-26-13-255:~$ docker ps
CONTAINER ID   IMAGE          COMMAND       CREATED      STATUS        PORTS
NAMES
3089edcf1676   ddukio/frontend:latest   "/docker-entrypoint..."   34 minutes ago   Up 34 minutes   0.0.0.0:3000->80/tcp,
:::3000->80/tcp
7d135fd49295   prom/mysqld-exporter   "/bin/mysqld_exporter"   34 minutes ago   Up 34 minutes   0.0.0.0:9104->9104/tcp
, ::9104->9104/tcp
ef7bb6714c27   ddukio/backend:latest   "java -jar app.jar"     34 minutes ago   Up 34 minutes   0.0.0.0:8081->8080/tcp
, ::8081->8080/tcp
b8b5ab21a5ff   grafana/grafana      "/run.sh"           34 minutes ago   Up 34 minutes   0.0.0.0:3001->3000/tcp
, ::3001->3000/tcp
826d50d20c58   prom/prometheus      "/bin/prometheus --c..."  34 minutes ago   Up 34 minutes   0.0.0.0:9090->9090/tcp
, ::9090->9090/tcp
130e620f5f8a   redis:latest        "docker-entrypoint.s..."  34 minutes ago   Up 34 minutes   0.0.0.0:6379->6379/tcp
, ::6379->6379/tcp
3310d0ec8643   mysql:8.0          "docker-entrypoint.s..."  34 minutes ago   Up 34 minutes   33060/tcp, 0.0.0.0:330
7->3306/tcp, ::3307->3306/tcp
f752484ff4ca   jenkins/jenkins:lts  "/usr/bin/tini -- /u..."  2 weeks ago    Up 2 weeks    0.0.0.0:8080->8080/tcp
, ::8080->8080/tcp, 0.0.0.0:50000->50000/tcp, ::50000->50000/tcp  jenkins
ubuntu@ip-172-26-13-255:~$
```

docker-compose.yml

```
version: "3.8"
services:
  mysql:
```

```
image: mysql:8.0
container_name: mysql
restart: always
environment:
  MYSQL_ROOT_PASSWORD: ksh147!!
  MYSQL_DATABASE: catcat
  MYSQL_ROOT_HOST: "%"
ports:
  - "3307:3306"
volumes:
  - mysql_data:/var/lib/mysql
networks:
  - app_network

backend:
  image: ddukio/backend:latest
  container_name: backend
  depends_on:
    - mysql
    - redis
  environment:
    - TZ=Asia/Seoul
    - JAVA_TOOL_OPTIONS=-Duser.timezone=Asia/Seoul
  ports:
    - "8081:8080"
  networks:
    - app_network

frontend:
  image: ddukio/frontend:latest
  container_name: frontend
  depends_on:
    - backend
  ports:
    - "3000:80"
  networks:
    - app_network
```

```
prometheus:
  image: prom/prometheus
  container_name: prometheus
  ports:
    - "9090:9090"
  volumes:
    - ./prometheus/prometheus.yml:/etc/prometheus/prometheus.yml
  networks:
    - app_network

grafana:
  image: grafana/grafana
  container_name: grafana
  ports:
    - "3001:3000"
  depends_on:
    - prometheus
  volumes:
    - grafana_data:/var/lib/grafana
  networks:
    - app_network

mysql-exporter:
  image: prom/mysqld-exporter
  container_name: mysql-exporter
  restart: always
  command: ["--config.my-cnf=/etc/my.cnf"]
  volumes:
    - ./exporter/.my.cnf:/etc/my.cnf:ro
  environment:
    - DATA_SOURCE_NAME=root:ksh147!!@tcp(mysql:3306)/
  ports:
    - "9104:9104"
  depends_on:
    - mysql
  networks:
    - app_network
```

```
redis:  
  image: redis:latest  
  container_name: redis  
  ports:  
    - "6379:6379"  
  restart: always  
  networks:  
    - app_network  
  
networks:  
  app_network:  
    driver: bridge  
  
volumes:  
  mysql_data:  
  grafana_data:
```

BE/Dockerfile

```
FROM openjdk:17-alpine  
WORKDIR /app  
  
# 고쳤음 (여러 파일이 아닌, app.jar만 지정)  
COPY build/libs/app.jar app.jar  
  
EXPOSE 8080  
ENTRYPOINT ["java", "-jar", "app.jar"]
```

FE/Dockerfile

```
# 1단계: 빌드 단계 (Node.js 20)  
FROM node:20-alpine AS build
```

```
WORKDIR /app
```

```
# package.json + package-lock.json 복사
COPY package.json package-lock.json ./
# npm ci로 의존성 설치
RUN npm ci

# 전체 소스 복사 후 빌드
COPY ..
RUN npm run build

# 2단계: Nginx
FROM nginx:alpine
COPY --from=build /app/dist /usr/share/nginx/html
EXPOSE 80
CMD ["nginx", "-g", "daemon off;"]
```

```
FE/nginx.conf
```

```
#####
# HTTP: 80 포트 → HTTPS 리다이렉트
#####
server {
    if ($host = j12c107.p.ssafy.io) {
        return 301 https://$host$request_uri;
    } # managed by Certbot

    listen 80;
    server_name j12c107.p.ssafy.io;
    return 404; # managed by Certbot
}

#####
# HTTPS: 443 포트
#####
server {
```

```

listen 443 ssl; # managed by Certbot
server_name j12c107.p.ssafy.io;

# SSL 인증서 (Certbot)
ssl_certificate /etc/letsencrypt/live/j12c107.p.ssafy.io/fullchain.pem;
ssl_certificate_key /etc/letsencrypt/live/j12c107.p.ssafy.io/privkey.pem;
include /etc/letsencrypt/options-ssl-nginx.conf;
ssl_dhparam /etc/letsencrypt/ssl-dhparams.pem;

# 백엔드 API 프록시 => 127.0.0.1:8081
location /api/ {
    proxy_pass http://127.0.0.1:8081;
    proxy_http_version 1.1;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header Connection "";
    proxy_buffering off;
    proxy_cache off;
    proxy_read_timeout 120s;
}

# 그 외 모든 경로 => 프론트 컨테이너 (호스트 3000 포트)
location / {
    proxy_pass http://127.0.0.1:3000;
    proxy_http_version 1.1;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header X-Forwarded-Proto $scheme;
    proxy_set_header Connection "";
    proxy_buffering off;
    proxy_cache off;
    proxy_read_timeout 120s;
}
}

```

[2] 외부 서비스 정보

application.properties 참조

[3] DB 덤프 파일 최신본

```
-- MySQL dump 10.13 Distrib 8.0.40, for Win64 (x86_64)
--
-- Host: j12c107.p.ssafy.io  Database: catcat
-----
-- Server version  8.0.41

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FK_CHEC
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VA
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `account_transactions`
--

DROP TABLE IF EXISTS `account_transactions`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `account_transactions` (
  `service_transaction_id` int NOT NULL AUTO_INCREMENT COMMENT '거래ID',
  `account_id` int NOT NULL COMMENT '계좌ID',
  `amount` decimal(10,2) NOT NULL COMMENT '금액',
  `transaction_type` enum('DEPOSIT','WITHDRAWAL') NOT NULL COMMENT '거래유형',
  `transaction_date` datetime NOT NULL COMMENT '거래일자',
  `status` enum('PENDING','COMPLETED') NOT NULL COMMENT '상태',
  `comment` text COMMENT '비고'
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
'user_id` int DEFAULT NULL COMMENT '회원ID',
`transaction_date` timestamp NOT NULL COMMENT '거래 날짜',
`transaction_type` varchar(10) DEFAULT NULL COMMENT '거래 유형(입금, 출금)',
`transaction_account_no` varchar(16) DEFAULT NULL COMMENT '거래 계좌번호',
`transaction_balance` int DEFAULT NULL COMMENT '거래 금액',
`transaction_after_balance` int DEFAULT NULL COMMENT '거래 후 잔액',
`description` varchar(50) DEFAULT NULL,
`created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일',
`updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP COMMENT '수정일',
`category` varchar(20) DEFAULT NULL,
`is_waste` tinyint(1) NOT NULL DEFAULT '0',
PRIMARY KEY (`service_transaction_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `account_transactions`  
--
```

```
LOCK TABLES `account_transactions` WRITE;
/*!40000 ALTER TABLE `account_transactions` DISABLE KEYS */;
/*!40000 ALTER TABLE `account_transactions` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `accounts`  
--
```

```
DROP TABLE IF EXISTS `accounts`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `accounts` (
`account_id` int NOT NULL AUTO_INCREMENT COMMENT '계좌ID',
`user_id` int DEFAULT NULL COMMENT '회원ID(서비스 계좌는 NULL)',
`account_type` varchar(255) DEFAULT NULL,
`account_number` varchar(50) DEFAULT NULL COMMENT '계좌번호',
`bank_name` varchar(50) NOT NULL,
`balance` varchar(255) NOT NULL,
```

```
'`created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '작성일',
'`updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일',
'`representative` tinyint(1) DEFAULT '0' COMMENT '대표계좌여부',
PRIMARY KEY (`account_id`)
) ENGINE=InnoDB AUTO_INCREMENT=12 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `accounts`

--

```
LOCK TABLES `accounts` WRITE;
```

```
/*!40000 ALTER TABLE `accounts` DISABLE KEYS */;
```

```
INSERT INTO `accounts` VALUES (1,6,'0018023868856766','한국은행','97');
```

```
/*!40000 ALTER TABLE `accounts` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

--

-- Table structure for table `attendance`

--

```
DROP TABLE IF EXISTS `attendance`;
```

```
/*!40101 SET @saved_cs_client    = @@character_set_client */;
```

```
/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `attendance` (
```

```
  `attendance_id` int NOT NULL AUTO_INCREMENT,
```

```
  `user_id` int NOT NULL COMMENT '회원ID',
```

```
  `attendance_date` datetime DEFAULT CURRENT_TIMESTAMP COMMENT '출석일자',
```

```
  PRIMARY KEY (`attendance_id`)
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

```
/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `attendance`

--

```
LOCK TABLES `attendance` WRITE;
```

```
/*!40000 ALTER TABLE `attendance` DISABLE KEYS */;
```

```
/*!40000 ALTER TABLE `attendance` ENABLE KEYS */;
UNLOCK TABLES;

-- Table structure for table `bucket_category`
--

DROP TABLE IF EXISTS `bucket_category`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `bucket_category` (
  `bucket_category_id` int NOT NULL AUTO_INCREMENT COMMENT '버킷리스트ID',
  `category_name` varchar(255) NOT NULL,
  PRIMARY KEY (`bucket_category_id`)
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- Dumping data for table `bucket_category`
--


LOCK TABLES `bucket_category` WRITE;
/*!40000 ALTER TABLE `bucket_category` DISABLE KEYS */;
INSERT INTO `bucket_category` VALUES (1,'부동산'),(2,'자동차'),(3,'여행'),(4,'결혼');
/*!40000 ALTER TABLE `bucket_category` ENABLE KEYS */;
UNLOCK TABLES;

-- Table structure for table `buckets`
--


DROP TABLE IF EXISTS `buckets`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `buckets` (
  `bucket_id` int NOT NULL AUTO_INCREMENT COMMENT '버킷리스트ID',
  `user_id` int NOT NULL COMMENT '회원ID',
  `bucket_category_id` int DEFAULT NULL COMMENT '버킷리스트 카테고리ID',
  `title` varchar(255) NOT NULL COMMENT '버킷리스트 제목',
  `content` text NOT NULL COMMENT '버킷리스트 내용',
  `create_date` datetime NOT NULL COMMENT '버킷리스트 생성일',
  `update_date` datetime NOT NULL COMMENT '버킷리스트 수정일',
  `status` enum('PENDING','IN_PROGRESS','COMPLETED') NOT NULL COMMENT '버킷리스트 상태',
  `priority` enum('LOW','MEDIUM','HIGH') NOT NULL COMMENT '버킷리스트 우선순위',
  `due_date` date NOT NULL COMMENT '버킷리스트 마감일',
  `is_deleted` tinyint(1) NOT NULL COMMENT '버킷리스트 삭제 여부'
) ENGINE=InnoDB AUTO_INCREMENT=10 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
'title` varchar(255) NOT NULL,  
 `saving_amount` int DEFAULT NULL COMMENT '주기적인 저축 금액',  
 `amount` int DEFAULT NULL COMMENT '목표 금액',  
 `saving_days` varchar(255) DEFAULT NULL,  
 `saving_account` varchar(255) DEFAULT NULL,  
 `withdrawal_account` varchar(255) DEFAULT NULL,  
 `count` int DEFAULT NULL COMMENT '지금까지 저축한 횟수',  
 `saved_amount` int DEFAULT NULL COMMENT '지금까지 저축된 금액',  
 `status` varchar(255) DEFAULT NULL,  
 `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '등록일',  
 `is_completed` bit(1) NOT NULL,  
 `updated_at` datetime(6) DEFAULT NULL,  
 `description` varchar(255) DEFAULT NULL,  
 PRIMARY KEY (`bucket_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=59 DEFAULT CHARSET=utf8mb4 COLL  
 /*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `buckets`  
--
```

```
LOCK TABLES `buckets` WRITE;  
/*!40000 ALTER TABLE `buckets` DISABLE KEYS */;  
INSERT INTO `buckets` VALUES (25,12,1,'내 집',30000,200000000,'월요일','001';  
/*!40000 ALTER TABLE `buckets` ENABLE KEYS */;  
UNLOCK TABLES;
```

```
--  
-- Table structure for table `budget`  
--
```

```
DROP TABLE IF EXISTS `budget`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `budget` (  
 `budget_id` int NOT NULL AUTO_INCREMENT COMMENT '예산ID',  
 `user_id` int NOT NULL COMMENT '회원ID',  
 `category_id` int NOT NULL COMMENT '카테고리ID',
```

```
`amount` int DEFAULT NULL COMMENT '예산 총 금액',
`spending_amount` int DEFAULT NULL COMMENT '사용한 금액',
`remaining_amount` int DEFAULT NULL COMMENT '남은 예산',
`is_exceed` tinyint(1) DEFAULT NULL COMMENT '예산 초과 여부 (0:아님, 1:초과)'
`start_date` date NOT NULL COMMENT '시작날짜',
`end_date` date NOT NULL COMMENT '종료날짜',
`created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일자',
`updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일자',
`email` varchar(255) NOT NULL,
PRIMARY KEY (`budget_id`)
) ENGINE=InnoDB AUTO_INCREMENT=30 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `budget`  
--
```

```
LOCK TABLES `budget` WRITE;
/*!40000 ALTER TABLE `budget` DISABLE KEYS */;
INSERT INTO `budget` VALUES (1,111300000,0,300000,0,'2025-03-01','2025-03-31');
/*!40000 ALTER TABLE `budget` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `budget_category`  
--
```

```
DROP TABLE IF EXISTS `budget_category`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `budget_category` (
`budget_category_id` int NOT NULL,
`budget_category_name` varchar(255) DEFAULT NULL,
PRIMARY KEY (`budget_category_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
-- Dumping data for table `budget_category`  
--  
  
LOCK TABLES `budget_category` WRITE;  
/*!40000 ALTER TABLE `budget_category` DISABLE KEYS */;  
INSERT INTO `budget_category` VALUES (1,'교통/차량'),(2,'쇼핑/미용'),(3,'교육/학  
/*!40000 ALTER TABLE `budget_category` ENABLE KEYS */;  
UNLOCK TABLES;  
  
--  
-- Table structure for table `budget_check_mapping`  
--  
  
DROP TABLE IF EXISTS `budget_check_mapping`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `budget_check_mapping` (  
    `benefit_id` int NOT NULL,  
    `budget_category_id` int NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_  
/*!40101 SET character_set_client = @saved_cs_client */;  
  
--  
-- Dumping data for table `budget_check_mapping`  
--  
  
LOCK TABLES `budget_check_mapping` WRITE;  
/*!40000 ALTER TABLE `budget_check_mapping` DISABLE KEYS */;  
INSERT INTO `budget_check_mapping` VALUES (1,1),(2,9),(3,9),(4,9),(5,7),(6,5  
/*!40000 ALTER TABLE `budget_check_mapping` ENABLE KEYS */;  
UNLOCK TABLES;  
  
--  
-- Table structure for table `budget_credit_mapping`  
--  
  
DROP TABLE IF EXISTS `budget_credit_mapping`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;
```

```

/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `budget_credit_mapping` (
  `credit_benefits_id` int NOT NULL,
  `budget_category_id` int NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `budget_credit_mapping`
-- 

LOCK TABLES `budget_credit_mapping` WRITE;
/*!40000 ALTER TABLE `budget_credit_mapping` DISABLE KEYS */;
INSERT INTO `budget_credit_mapping` VALUES (1,4),(2,7),(3,6),(4,8),(5,2),(6,1)
/*!40000 ALTER TABLE `budget_credit_mapping` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `cards`
-- 

DROP TABLE IF EXISTS `cards`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `cards` (
  `card_id` int NOT NULL AUTO_INCREMENT COMMENT '카드ID',
  `user_id` int NOT NULL COMMENT '회원ID',
  `card_name` varchar(20) DEFAULT NULL,
  `card_no` varchar(16) DEFAULT NULL,
  `cvc` varchar(3) DEFAULT NULL,
  `card_type` varchar(10) DEFAULT NULL,
  `region` varchar(25) DEFAULT NULL,
  `created_at` datetime(6) DEFAULT NULL,
  `updated_at` datetime(6) DEFAULT NULL,
  PRIMARY KEY (`card_id`)
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```

-- 
-- Dumping data for table `cards` 

-- 

LOCK TABLES `cards` WRITE;
/*!40000 ALTER TABLE `cards` DISABLE KEYS */;
INSERT INTO `cards` VALUES (1,16,'SSAFY 스마일카드','1001956795049801',NULL);
/*!40000 ALTER TABLE `cards` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `category` 

-- 

DROP TABLE IF EXISTS `category`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `category` (
  `category_id` int NOT NULL AUTO_INCREMENT,
  `category_name` varchar(20) DEFAULT NULL,
  `budget_category` varchar(20) DEFAULT NULL COMMENT '예산 카테고리',
  `category_description` varchar(20) DEFAULT NULL COMMENT '세부 카테고리',
  `merchant_name` varchar(20) DEFAULT NULL COMMENT '가맹점',
  `category_code` varchar(20) DEFAULT NULL COMMENT '카테고리 코드',
  `budget_category_id` int DEFAULT NULL,
  `challenge_category_id` int DEFAULT NULL,
  PRIMARY KEY (`category_id`)
) ENGINE=InnoDB AUTO_INCREMENT=36 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `category` 

-- 

LOCK TABLES `category` WRITE;
/*!40000 ALTER TABLE `category` DISABLE KEYS */;
INSERT INTO `category` VALUES (1,'주유',NULL,NULL,'GS주유소','CG-3fa85f64');
/*!40000 ALTER TABLE `category` ENABLE KEYS */;

```

```
UNLOCK TABLES;
```

```
--  
-- Table structure for table `challenge_category`  
--
```

```
DROP TABLE IF EXISTS `challenge_category`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `challenge_category` (  
  `challenge_category_id` int NOT NULL AUTO_INCREMENT,  
  `challenge_category_name` varchar(20) NOT NULL COMMENT '챌린지 카테고리'  
  PRIMARY KEY (`challenge_category_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=15 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `challenge_category`  
--
```

```
LOCK TABLES `challenge_category` WRITE;  
/*!40000 ALTER TABLE `challenge_category` DISABLE KEYS */;  
INSERT INTO `challenge_category` VALUES (1,'주유'),(2,'쇼핑'),(3,'버스'),(4,'지하철');  
/*!40000 ALTER TABLE `challenge_category` ENABLE KEYS */;  
UNLOCK TABLES;
```

```
--  
-- Table structure for table `challenges`  
--
```

```
DROP TABLE IF EXISTS `challenges`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `challenges` (  
  `challenge_id` int NOT NULL AUTO_INCREMENT,  
  `challenge_name` varchar(20) DEFAULT NULL COMMENT '챌린지 이름',  
  `challenge_type` varchar(10) DEFAULT NULL COMMENT '공식챌린지, 유저챌린지',  
  `target_amount` int NOT NULL,
```

```

`start_date` date DEFAULT NULL COMMENT '시작일',
`end_date` date DEFAULT NULL COMMENT '종료일',
`description` varchar(255) DEFAULT NULL COMMENT '챌린지 설명',
`created_by` varchar(255) NOT NULL,
`max_required` int DEFAULT NULL COMMENT '챌린지 참여 최소 인원',
`public_flag` tinyint(1) DEFAULT NULL COMMENT '챌린지 공개 여부',
`active_flag` tinyint(1) DEFAULT NULL COMMENT '챌린지 활성화 여부',
`created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '챌린지 생성 일자',
`updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '챌린지 정보 업데이트 일자',
`current_participants` int DEFAULT NULL COMMENT '현재 참여 인원',
`deleted` tinyint(1) DEFAULT NULL COMMENT '삭제여부',
`challenge_category` varchar(10) DEFAULT NULL COMMENT '쇼핑, 주유 등등',
`limit_amount` int DEFAULT NULL COMMENT '챌린지 해당 항목 한계금액',
`max_participants` int DEFAULT NULL,
`thumbnail_path` varchar(255) DEFAULT NULL COMMENT '챌린지 썸네일 S3 경로',
PRIMARY KEY (`challenge_id`)
) ENGINE=InnoDB AUTO_INCREMENT=121 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `challenges`  
--
```

```

LOCK TABLES `challenges` WRITE;
/*!40000 ALTER TABLE `challenges` DISABLE KEYS */;
INSERT INTO `challenges` VALUES (1,'절약 공식챌린지1','공식챌린지',500000,'2023-01-01 00:00:00','2023-01-31 23:59:59');
/*!40000 ALTER TABLE `challenges` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `characters`  
--
```

```

DROP TABLE IF EXISTS `characters`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `characters` (
  `character_id` int NOT NULL AUTO_INCREMENT COMMENT '캐릭터 PK',
```

```
'user_id` int NOT NULL COMMENT '회원ID',
`cat_type` tinyint NOT NULL DEFAULT '1' COMMENT '고양이 종류 (1=기본, 2=중
`character_name` varchar(10) NOT NULL,
`level` tinyint DEFAULT '1',
`experience` int DEFAULT '0',
`created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '작성일',
`updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일',
PRIMARY KEY (`character_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `characters`  
--
```

```
LOCK TABLES `characters` WRITE;
/*!40000 ALTER TABLE `characters` DISABLE KEYS */;
/*!40000 ALTER TABLE `characters` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `check_benefits`  
--
```

```
DROP TABLE IF EXISTS `check_benefits`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `check_benefits` (
`benefit_id` int NOT NULL,
`category` varchar(10) DEFAULT NULL COMMENT '공과금, 편의점 등',
PRIMARY KEY (`benefit_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `check_benefits`  
--
```

```
LOCK TABLES `check_benefits` WRITE;
/*!40000 ALTER TABLE `check_benefits` DISABLE KEYS */;
INSERT INTO `check_benefits` VALUES (1,'대중교통'),(2,'캐시백'),(3,'기타'),(4,'해외송금');
/*!40000 ALTER TABLE `check_benefits` ENABLE KEYS */;
UNLOCK TABLES;
```

--

-- Table structure for table `check_card_benefits`

--

```
DROP TABLE IF EXISTS `check_card_benefits`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `check_card_benefits` (
  `reco_card_id` int NOT NULL COMMENT '추천카드ID',
  `benefit_id` int NOT NULL,
  `description` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`reco_card_id`,`benefit_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci
/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `check_card_benefits`

--

```
LOCK TABLES `check_card_benefits` WRITE;
/*!40000 ALTER TABLE `check_card_benefits` DISABLE KEYS */;
INSERT INTO `check_card_benefits` VALUES (278,2,'통합캐시백한도'),(278,5,'커머시얼');
/*!40000 ALTER TABLE `check_card_benefits` ENABLE KEYS */;
UNLOCK TABLES;
```

--

-- Table structure for table `credit_benefits`

--

```
DROP TABLE IF EXISTS `credit_benefits`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `credit_benefits` (
    `credit_benefits_id` int NOT NULL,
    `category` varchar(10) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `credit_benefits`  
--
```

```
LOCK TABLES `credit_benefits` WRITE;
/*!40000 ALTER TABLE `credit_benefits` DISABLE KEYS */;
INSERT INTO `credit_benefits` VALUES (1,'공과금'),(2,'편의점'),(3,'병원/약국'),(4,'
/*!40000 ALTER TABLE `credit_benefits` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `credit_card_benefits`  
--
```

```
DROP TABLE IF EXISTS `credit_card_benefits`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `credit_card_benefits` (
    `reco_card_id` int NOT NULL COMMENT '추천카드ID',
    `credit_benefits_id` int NOT NULL,
    `description` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `credit_card_benefits`  
--
```

```
LOCK TABLES `credit_card_benefits` WRITE;
/*!40000 ALTER TABLE `credit_card_benefits` DISABLE KEYS */;
INSERT INTO `credit_card_benefits` VALUES (13,1,'월납요금(공과금) 10% 할인서비스');
/*!40000 ALTER TABLE `credit_card_benefits` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
--  
-- Table structure for table `images`  
--
```

```
DROP TABLE IF EXISTS `images`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `images` (  
  `image_id` int NOT NULL AUTO_INCREMENT COMMENT '이미지 아이디',  
  `url` varchar(255) DEFAULT NULL COMMENT 'S3주소',  
  `extension` varchar(4) DEFAULT NULL,  
  `created_at` timestamp NULL DEFAULT NULL COMMENT '이미지 생성일시',  
  `deleted` tinyint(1) DEFAULT '0' COMMENT '삭제여부',  
  `usage_type` varchar(255) DEFAULT NULL COMMENT '이미지 사용처 구분(PR  
  `usage_id` int DEFAULT NULL COMMENT '미디어가 해당하는 테이블의 아이디',  
  PRIMARY KEY (`image_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=80 DEFAULT CHARSET=utf8mb4 COLL  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `images`  
--
```

```
LOCK TABLES `images` WRITE;
```

```
/*!40000 ALTER TABLE `images` DISABLE KEYS */;  
INSERT INTO `images` VALUES (1,'https://my-catcat-bucket.s3.us-east-2.ama  
/*!40000 ALTER TABLE `images` ENABLE KEYS */;  
UNLOCK TABLES;
```

```
--  
-- Table structure for table `ledger_memos`  
--
```

```
DROP TABLE IF EXISTS `ledger_memos`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `ledger_memos` (
    `memo_id` bigint NOT NULL AUTO_INCREMENT,
    `memo_date` date DEFAULT NULL,
    `content` text,
    `created_at` timestamp NULL DEFAULT NULL,
    PRIMARY KEY (`memo_id`)
) ENGINE=InnoDB AUTO_INCREMENT=20 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `ledger_memos`  
--
```

```
LOCK TABLES `ledger_memos` WRITE;
/*!40000 ALTER TABLE `ledger_memos` DISABLE KEYS */;
INSERT INTO `ledger_memos` VALUES (1,'2025-03-27','오늘은 카페에 가지 않고도  
/*40000 ALTER TABLE `ledger_memos` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `payment_history`  
--
```

```
DROP TABLE IF EXISTS `payment_history`;
/*!40101 SET @saved_cs_client  = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `payment_history` (
    `payment_history_id` int NOT NULL AUTO_INCREMENT COMMENT '결제내역ID',
    `category_id` varchar(255) NOT NULL,
    `merchant_name` varchar(255) DEFAULT NULL,
    `transaction_date` date DEFAULT NULL COMMENT '결제 날짜',
    `transaction_time` varchar(255) DEFAULT NULL,
    `transaction_balance` varchar(255) DEFAULT NULL,
    `is_waste` int DEFAULT NULL,
    `transaction_unique_no` varchar(255) DEFAULT NULL,
    `card_no` varchar(255) DEFAULT NULL,
    `card_name` varchar(255) DEFAULT NULL,
    `card_issuer_code` varchar(255) DEFAULT NULL,
```

```
`card_issuer_name` varchar(255) DEFAULT NULL,  
 `card_status` varchar(255) DEFAULT NULL,  
 `card_id` int NOT NULL COMMENT '카드ID',  
 `bill_statements_status` varchar(255) DEFAULT NULL,  
 `bill_statements_yn` varchar(255) DEFAULT NULL,  
 `category_name` varchar(255) DEFAULT NULL,  
 `merchant_id` varchar(255) DEFAULT NULL,  
 `transaction_type` varchar(255) DEFAULT NULL,  
 PRIMARY KEY (`payment_history_id`,`category_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=24 DEFAULT CHARSET=utf8mb4 COLL  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `payment_history`  
--
```

```
LOCK TABLES `payment_history` WRITE;  
/*!40000 ALTER TABLE `payment_history` DISABLE KEYS */;  
/*!40000 ALTER TABLE `payment_history` ENABLE KEYS */;  
UNLOCK TABLES;
```

```
--  
-- Table structure for table `recommend_cards`  
--
```

```
DROP TABLE IF EXISTS `recommend_cards`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `recommend_cards` (  
 `reco_card_id` int NOT NULL AUTO_INCREMENT COMMENT '추천카드ID',  
 `reco_card_name` varchar(30) DEFAULT NULL COMMENT '추천카드이름',  
 `card_type` varchar(10) DEFAULT NULL COMMENT '신용카드, 체크카드, 지역카!',  
 `corp_name` varchar(15) DEFAULT NULL,  
 `created_at` timestamp NULL DEFAULT NULL,  
 `updated_at` timestamp NULL DEFAULT NULL,  
 `image_path` varchar(255) DEFAULT NULL,  
 `source_card_id` int DEFAULT NULL COMMENT '카드고릴라 내 카드id',  
 PRIMARY KEY (`reco_card_id`)
```

```

) ENGINE=InnoDB AUTO_INCREMENT=199 DEFAULT CHARSET=utf8mb4 COL
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `recommend_cards`
-- 

LOCK TABLES `recommend_cards` WRITE;
/*!40000 ALTER TABLE `recommend_cards` DISABLE KEYS */;
INSERT INTO `recommend_cards` VALUES (1,'신한카드 Mr.Life','신용카드','신한카
/*!40000 ALTER TABLE `recommend_cards` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `service_transactions`
-- 

DROP TABLE IF EXISTS `service_transactions`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `service_transactions` (
  `service_transaction_id` int NOT NULL AUTO_INCREMENT COMMENT '거래ID',
  `account_id` int NOT NULL COMMENT '계좌ID (유저 또는 서비스 계좌)',
  `user_id` int DEFAULT NULL COMMENT '회원ID (유저 거래면 값, 서비스 계좌 거래면 NULL)',
  `transaction_date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP COMMENT '거래일자',
  `category` varchar(255) DEFAULT NULL,
  `transaction_type` varchar(10) NOT NULL COMMENT '거래 유형 (DEPOSIT, WITHDRAWAL)',
  `transaction_account_no` varchar(16) DEFAULT NULL COMMENT '거래 계좌번호',
  `transaction_balance` int NOT NULL COMMENT '거래 금액',
  `transaction_after_balance` int NOT NULL COMMENT '거래 후 잔액',
  `description` varchar(255) DEFAULT NULL,
  `is_waste` tinyint(1) NOT NULL DEFAULT '0',
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일자',
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일자'
  PRIMARY KEY (`service_transaction_id`)
) ENGINE=InnoDB AUTO_INCREMENT=360 DEFAULT CHARSET=utf8mb4 COL
/*!40101 SET character_set_client = @saved_cs_client */;
```

```

-- 
-- Dumping data for table `service_transactions`
-- 

LOCK TABLES `service_transactions` WRITE;
/*!40000 ALTER TABLE `service_transactions` DISABLE KEYS */;
INSERT INTO `service_transactions` VALUES (1,2,6,'2025-03-24 01:48:43','DE
/*40000 ALTER TABLE `service_transactions` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `share`
-- 

DROP TABLE IF EXISTS `share`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `share` (
  `share_id` int NOT NULL AUTO_INCREMENT COMMENT '공유 ID',
  `owner_id` int NOT NULL COMMENT '가계부 소유자 ID',
  `shared_user_id` int DEFAULT NULL COMMENT '공유 받은 사용자 ID',
  `invitation_link` varchar(255) DEFAULT NULL COMMENT '초대 링크',
  `link_expire` timestamp NULL DEFAULT NULL COMMENT '초대 링크 만료 시간',
  `status` tinyint DEFAULT NULL COMMENT '공유 상태(0:공유전, 1:공유중, 2:공유 완료)',
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '등록일',
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '마지막 수정일',
  PRIMARY KEY (`share_id`)
) ENGINE=InnoDB AUTO_INCREMENT=101 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `share`
-- 

LOCK TABLES `share` WRITE;
/*!40000 ALTER TABLE `share` DISABLE KEYS */;
INSERT INTO `share` VALUES (1,17,9,'https://j12c107.p.ssafy.io/272d518c-87e4-4
/*40000 ALTER TABLE `share` ENABLE KEYS */;

```

```
UNLOCK TABLES;
```

```
--  
-- Table structure for table `share_interaction`  
--
```

```
DROP TABLE IF EXISTS `share_interaction`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `share_interaction` (  
  `interaction_id` int NOT NULL AUTO_INCREMENT COMMENT '상호작용 ID',  
  `share_id` int NOT NULL COMMENT '공유 ID',  
  `user_id` int NOT NULL COMMENT '작성자 ID',  
  `target_date` date DEFAULT NULL COMMENT '대상 날짜',  
  `comment_content` text COMMENT '댓글 내용',  
  `emoji` tinyint(1) DEFAULT NULL COMMENT '이모지',  
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '등록일',  
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일',  
  PRIMARY KEY (`interaction_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=36 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_unicode_ci;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `share_interaction`  
--
```

```
LOCK TABLES `share_interaction` WRITE;  
/*!40000 ALTER TABLE `share_interaction` DISABLE KEYS */;  
INSERT INTO `share_interaction` VALUES (1,3,8,'2025-03-27','지출 짱!',0,'2025-03-27');  
/*!40000 ALTER TABLE `share_interaction` ENABLE KEYS */;  
UNLOCK TABLES;
```

```
--  
-- Table structure for table `share_notification`  
--
```

```
DROP TABLE IF EXISTS `share_notification`;  
/*!40101 SET @saved_cs_client    = @@character_set_client */;
```

```

/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `share_notification` (
    `notification_id` int NOT NULL AUTO_INCREMENT COMMENT '알림 ID',
    `interaction_id` int NOT NULL COMMENT '상호작용 ID',
    `share_id` int DEFAULT NULL COMMENT '공유 ID',
    `user_id` int DEFAULT NULL COMMENT '알림 대상 사용자 ID',
    `is_read` tinyint(1) DEFAULT '0' COMMENT '읽음 여부(0:안읽음, 1:읽음)',
    `target_date` date DEFAULT NULL COMMENT '알림 관련 날짜',
    `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일',
    `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일'
) ENGINE=InnoDB AUTO_INCREMENT=34 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `share_notification`  
--
```

```

LOCK TABLES `share_notification` WRITE;
/*!40000 ALTER TABLE `share_notification` DISABLE KEYS */;
INSERT INTO `share_notification` VALUES (1,2,3,15,1,'2025-03-28','2025-03-30');
/*!40000 ALTER TABLE `share_notification` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--  
-- Table structure for table `subscribe`  
--
```

```

DROP TABLE IF EXISTS `subscribe`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `subscribe` (
    `subscribe_id` int NOT NULL AUTO_INCREMENT COMMENT '구독 아이디',
    `user_id` int NOT NULL COMMENT '회원ID',
    `subscribe_name` varchar(20) DEFAULT NULL COMMENT '구독이름',
    `subscribe_price` int DEFAULT NULL COMMENT '구독 가격',
    `payment_date` int DEFAULT NULL,
    `is_waste` tinyint(1) DEFAULT '0' COMMENT '낭비 소비 여부 (0:아님, 1:낭비)',
```

```

`email` varchar(255) NOT NULL,
PRIMARY KEY (`subscribe_id`)
) ENGINE=InnoDB AUTO_INCREMENT=57 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `subscribe`
-- 

LOCK TABLES `subscribe` WRITE;
/*!40000 ALTER TABLE `subscribe` DISABLE KEYS */;
INSERT INTO `subscribe` VALUES (28,16,'넷플릭스',1000,1,0,'hghg990124@naver.com');
/*!40000 ALTER TABLE `subscribe` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `transactions`
-- 

DROP TABLE IF EXISTS `transactions`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `transactions` (
  `transaction_id` int NOT NULL AUTO_INCREMENT COMMENT '거래ID',
  `card_id` int NOT NULL COMMENT '카드ID',
  `transaction_date` timestamp NOT NULL COMMENT '거래 날짜',
  `amount` int DEFAULT NULL,
  `user_id` int DEFAULT NULL,
  `account_id` varchar(255) DEFAULT NULL COMMENT '계좌ID',
  `transaction_account_no` varchar(16) DEFAULT NULL COMMENT '계좌 번호',
  `transaction_type` int DEFAULT NULL,
  `account_before_transaction` int DEFAULT NULL COMMENT '거래 전 계좌 잔액',
  `account_after_transaction` int DEFAULT NULL COMMENT '거래 후 계좌 잔액',
  `is_waste` tinyint(1) DEFAULT '0',
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일',
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일',
  `deleted` tinyint(1) DEFAULT '0',
  `category_id` int NOT NULL COMMENT '카테고리ID',

```

```

`merchant_name` varchar(20) DEFAULT NULL COMMENT '사용처',
PRIMARY KEY (`transaction_id`)
) ENGINE=InnoDB AUTO_INCREMENT=164 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `transactions`
-- 

LOCK TABLES `transactions` WRITE;
/*!40000 ALTER TABLE `transactions` DISABLE KEYS */;
INSERT INTO `transactions` VALUES (1,0,'2025-03-26 15:00:00',16000,6,'1','','1',
/*!40000 ALTER TABLE `transactions` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `user_challenges`
-- 

DROP TABLE IF EXISTS `user_challenges`;
/*!40101 SET @saved_cs_client    = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `user_challenges` (
  `user_challenge_id` int NOT NULL AUTO_INCREMENT,
  `challenge_id` int NOT NULL COMMENT '챌린지 ID',
  `user_id` int NOT NULL COMMENT '회원ID',
  `challenge_name` varchar(255) NOT NULL,
  `deposit_amount` int DEFAULT NULL COMMENT '예치금',
  `status` varchar(10) DEFAULT NULL COMMENT '진행상태 (진행전, 진행중, 성공, 실패)',
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '챌린지 생성일',
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '챌린지 수정일',
  `spend_amount` int DEFAULT NULL COMMENT '챌린지 해당 항목 사용금액',
  `notified` tinyint(1) DEFAULT '0' COMMENT '챌린지 정산 결과 알림 여부 (0: 미알림, 1: 알림)',
  PRIMARY KEY (`user_challenge_id`),
  KEY `FKtaajflq2v15ya0kct9woncmft` (`challenge_id`),
  CONSTRAINT `FKtaajflq2v15ya0kct9woncmft` FOREIGN KEY (`challenge_id`)
) ENGINE=InnoDB AUTO_INCREMENT=105 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```

-- 
-- Dumping data for table `user_challenges` 
-- 

LOCK TABLES `user_challenges` WRITE;
/*!40000 ALTER TABLE `user_challenges` DISABLE KEYS */;
INSERT INTO `user_challenges` VALUES (3,3,6,'절약 챌린지',500000,'종료','2025-01-01 12:00:00');
/*!40000 ALTER TABLE `user_challenges` ENABLE KEYS */;
UNLOCK TABLES;

-- 
-- Table structure for table `users` 
-- 

DROP TABLE IF EXISTS `users`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!40101 SET character_set_client = utf8mb4 */;
CREATE TABLE `users` (
  `user_id` bigint NOT NULL AUTO_INCREMENT,
  `name` varchar(255) DEFAULT NULL,
  `nickname` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `deposit` int DEFAULT NULL COMMENT '예치금',
  `role` varchar(255) DEFAULT NULL COMMENT 'ADMIN, USER',
  `finance_user_key` varchar(255) DEFAULT NULL COMMENT '금융API userKey',
  `created_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '생성일',
  `updated_at` timestamp NULL DEFAULT CURRENT_TIMESTAMP COMMENT '수정일',
  `birth_date` varchar(255) DEFAULT NULL,
  `is_deleted` tinyint(1) DEFAULT '0',
  `transaction_password` varchar(255) DEFAULT NULL COMMENT '암호화된 6자리',
  PRIMARY KEY (`user_id`)
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

-- 
-- Dumping data for table `users` 
-- 


```

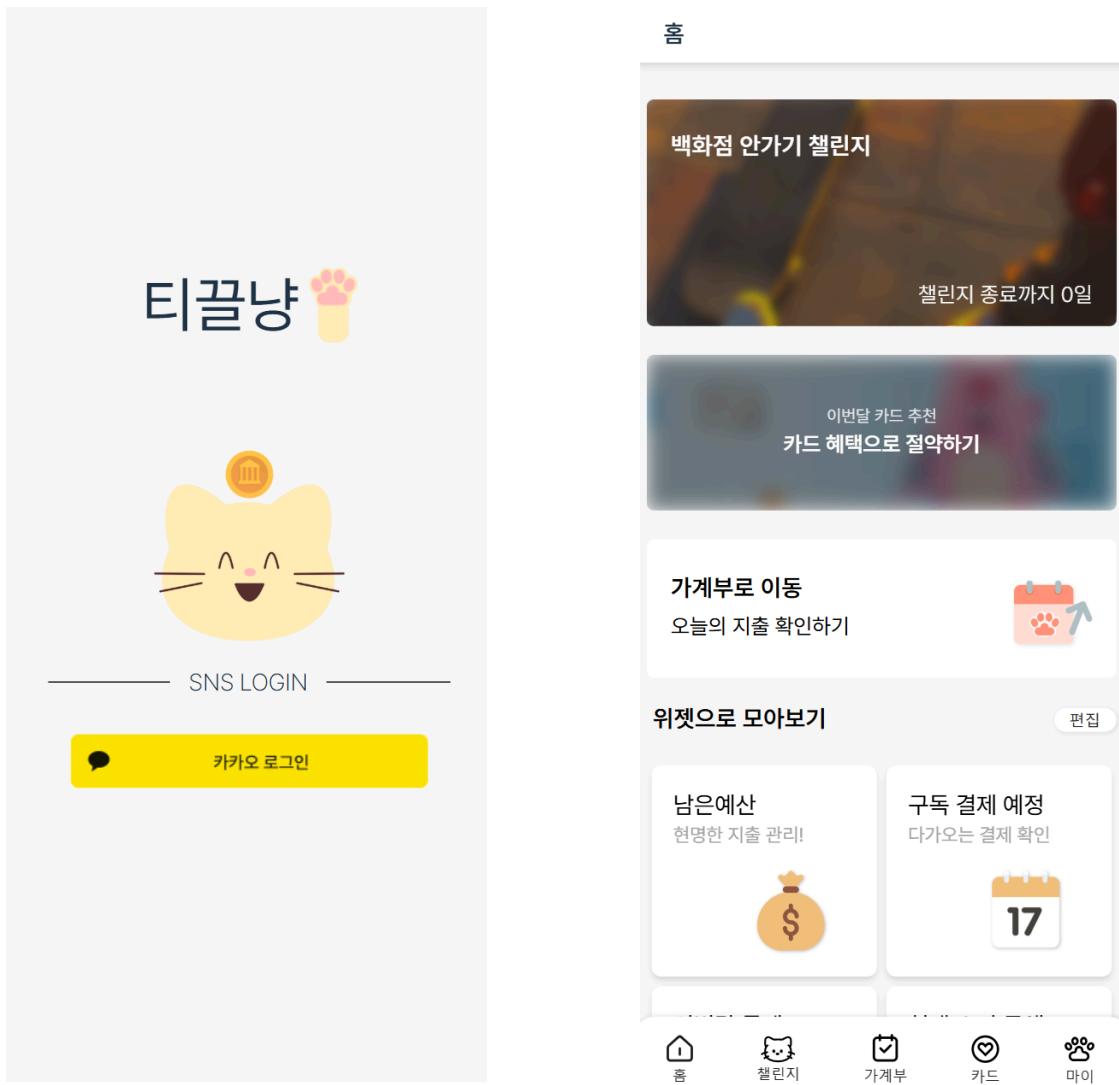
```
LOCK TABLES `users` WRITE;
/*!40000 ALTER TABLE `users` DISABLE KEYS */;
INSERT INTO `users` VALUES (6,'이명성','띵성','yeu564@naver.com',349540,'U
/*!40000 ALTER TABLE `users` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2025-04-11 9:31:57
```

[4] 시연 시나리오

1. 로그인 및 메인 페이지



- 카카오 로그인을 통해 서비스 접속
- 메인 화면은 챌린지 바로가기 기능, 카드 추천 바로 가기 기능, 가계부로 바로가기 기능
- 위젯을 통해 유저가 본인이 원하는 ui 디자인 가능

2. 챌린지 기능

챌린지

전체 챌린지 참여중 챌린지 참여이력

추천 챌린지

해외직구 전략 챌린지 04.12 ~ 05.05

카페 절제 챌린지 04.13 ~ 04.30

전체보기 >

챌린지

전체 챌린지 **참여중 챌린지** 참여이력

사교육비 줄이기
유저챌린지 04.07 ~ 04.24

주유비 줄이기 챌린지
유저챌린지 04.06 ~ 04.14

커피 줄이기
유저챌린지 04.13 ~ 04.16

싸피탈출
유저챌린지 04.13 ~ 04.17

챌린지

전체 챌린지 참여중 챌린지 **참여이력**

직장 점심 도시락
유저챌린지 03.15 ~ 04.10

카페 할인 활용하기
공식챌린지 02.15 ~ 03.10

버스 이용하기
공식챌린지 02.20 ~ 03.15

식비 절약 레시피
공식챌린지 02.01 ~ 02.25

백화점 안가기
유저챌린지 04.06 ~ 04.10

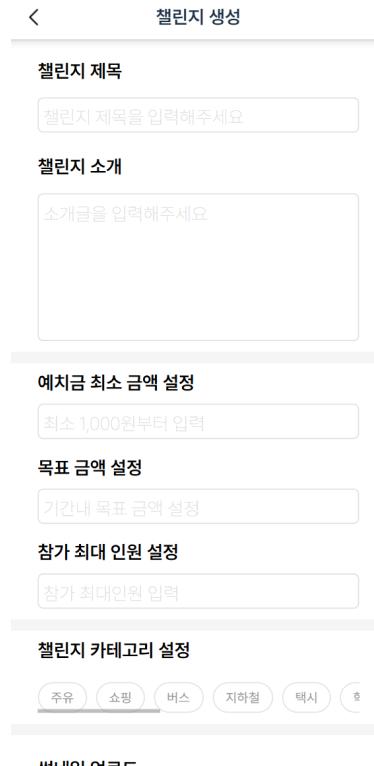
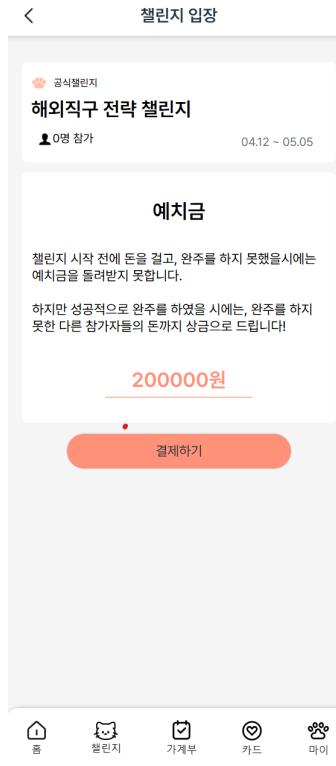
홈 챌린지 가계부 카드 마이

홈 챌린지 가계부 카드 마이

- 현재 유저가 참여 중인 챌린지 조회 가능
- 챌린지 탭에서 전체 챌린지 조회 가능
- 유저가 참여 했던 이력 조회 가능



- 챌린지 각각의 참가 인원, 설명 등등 챌린지의 정보를 조회할 수 있다.



- 챌린지에 참여 하고 싶으면 해당 챌린지의 예치금을 내고 참여할 수 있다,

- 유저가 원하는 챌린지를 생성할 수 있다.

3. 가계부 기능

The screenshot shows a budgeting application interface. At the top, there's a header "부자왕님의 가계부" (Borrower King Household Account) with tabs for "공유" (Share) and "개인" (Personal). Below the header is a yellow banner with the text "예산을 설정하세요" (Set up your budget) and a small icon of a piggy bank with a dollar sign.

The main area displays a monthly calendar for April 2025. The days of the week are labeled at the top: 일 (Monday), 월 (Tuesday), 화 (Wednesday), 수 (Thursday), 목 (Friday), 금 (Saturday), and 토 (Sunday). The dates are arranged in rows: the first row has 30, 31, 1, 2, 3, 4, and 5; the second row has 6, 7, 8, 9, 10, 11 (which is highlighted with a red circle), and 12; the third row has 13, 14, 15, 16, 17, 18, and 19; the fourth row has 20, 21, 22, 23, 24, 25, and 26; and the fifth row has 27, 28, 29, 30, 1, 2, and 3.

Below each date, there are numerical values representing spending or balance changes:

- 30: -340,000
- 31: -81,500
- 1: -44,200
- 2: -8,400
- 3: -12,750
- 4: -7,500
- 5: (no value shown)
- 6: (no value shown)
- 7: (no value shown)
- 8: (no value shown)
- 9: (no value shown)
- 10: (no value shown)
- 11: (highlighted with a red circle)
- 12: (no value shown)
- 13: (no value shown)
- 14: (no value shown)
- 15: (no value shown)
- 16: (no value shown)
- 17: (no value shown)
- 18: (no value shown)
- 19: (no value shown)
- 20: (no value shown)
- 21: (no value shown)
- 22: (no value shown)
- 23: (no value shown)
- 24: (no value shown)
- 25: (no value shown)
- 26: (no value shown)
- 27: (no value shown)
- 28: (no value shown)
- 29: (no value shown)
- 30: (no value shown)
- 1: (no value shown)
- 2: (no value shown)
- 3: (no value shown)

At the bottom right of the screen is a large red circular button with a white plus sign (+).

The screenshot shows a mobile application for managing a household budget. At the top, there's a navigation bar with a back arrow and the text '가계부' (Household Budget). Below this is a search bar containing the placeholder '가계부 검색'. The main content area has a light gray background. On the left, there's a sidebar with the title '부자왕님의 가계부' (King of Wealth Household Budget) and a '공유' (Share) button. The central part of the screen displays the message '예산을 설정하세요' (Set up your budget) in large, bold letters. To the right of this message is a decorative icon featuring a yellow circle with a dollar sign (\$) and two orange circles. At the bottom, there's a date range '2025.04' with arrows for navigation, and a dark blue button labeled '세부내역' (Detailed History).

- 유저의 가계부를 조회할 수 있다. 이때 가계부는 연결된 카드 지출 내역을 가져와 자동으로 등록된다.

- 날짜를 클릭하면 해당 날짜의 지출을 조회할 수 있다.

- 연결된 지출 뿐만 아니라 유저가 직접 입력할 수도 있다.

The image displays three side-by-side screenshots of a mobile application interface for managing a calendar or agenda. Each screenshot shows a monthly calendar for April 2025.

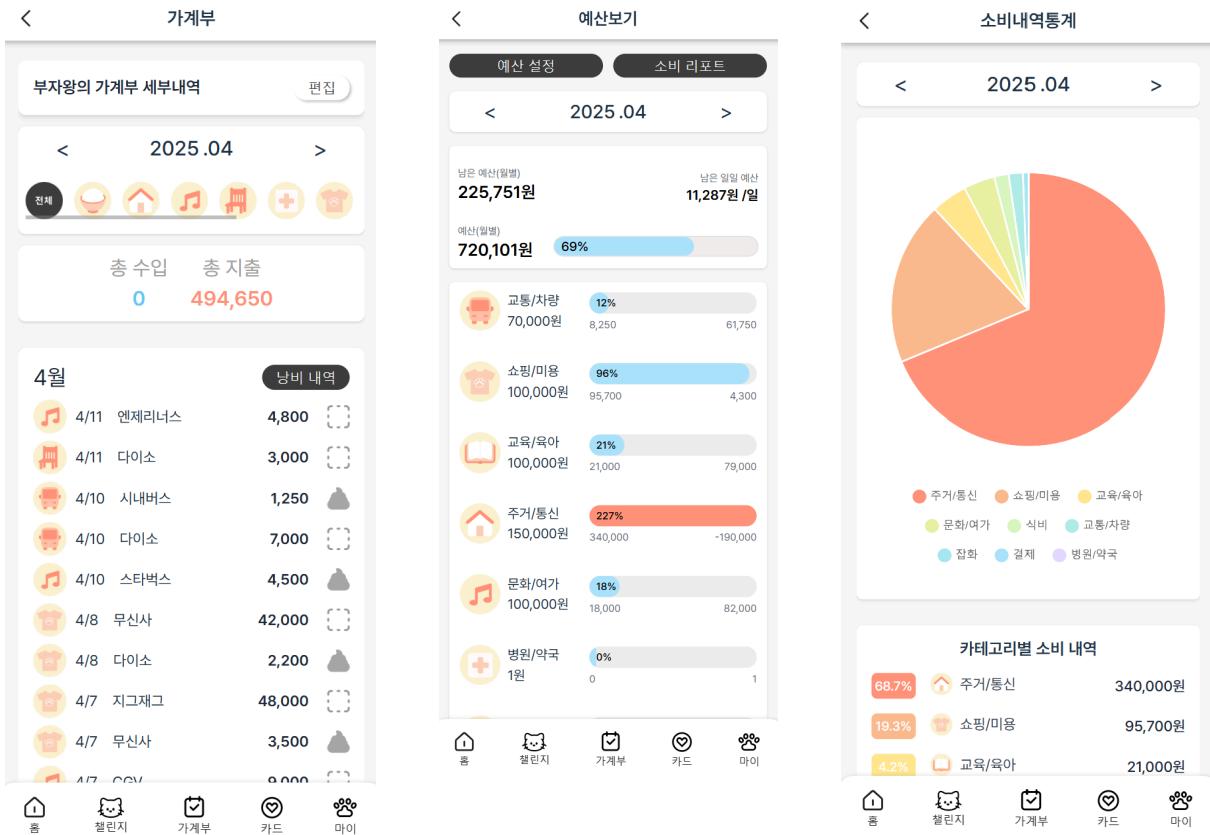
Top Bar: Each screenshot has a top bar with user profiles (test, 명성, 낭낭이) and a '+' icon for adding new entries. There are also '공유' (Share) and '개인' (Personal) buttons.

Calendar View: The calendar grid shows days from Sunday to Saturday. Specific dates are highlighted with small icons: orange fish-like shapes for most days, and red circles for the 11th and 27th. The 11th is explicitly highlighted with a red circle in the center screenshot.

Bottom Buttons: At the bottom of each screenshot are five buttons: '홈' (Home), '챌린지' (Challenge), '가계부' (Family Budget), '카드' (Card), and '마이' (My). The '가계부' button is highlighted in grey in the center screenshot.

Bottom Right Area: In the bottom right corner of the center screenshot, there is a small profile picture of a character named '부자왕' (Buddha King) with the text '무소비 굿' (Good without spending) next to it. A '댓글' (Comment) button is also visible in this area.

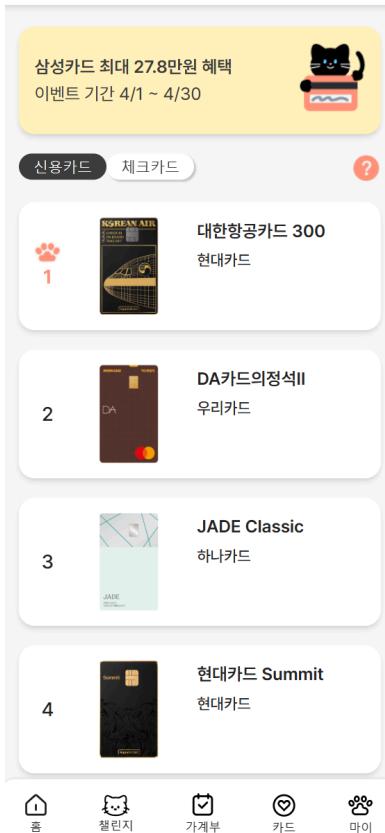
- 공유 가계부 기능은 초대링크를 수락한 친구의 가계부를 볼 수 있다,
- 친구의 가계부의 댓글과 이모티콘 등을 달아 소통할 수 있다.



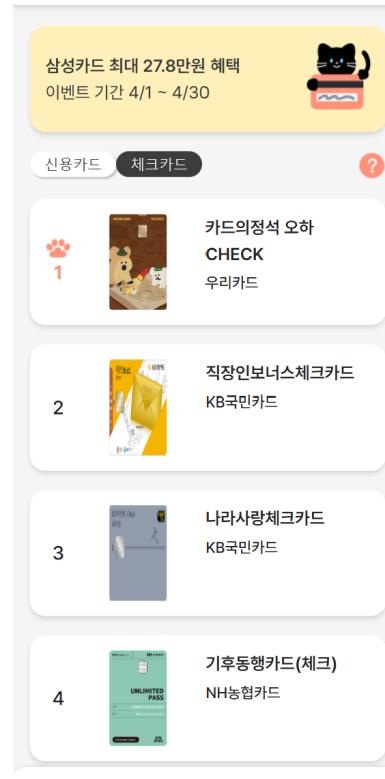
- 가계부에서 세부 내역을 조회할 수 있다. 이때 낭비내역도 체크가 가능하다.
- 예산설정하기를 클릭하면 예산에 대한 자세한 정보를 조회할 수 있다.
- 소비리포트를 클릭하면 해당 기간의 소비 통계 리포트를 조회할 수 있다.

4. 카드 추천

티끌냥

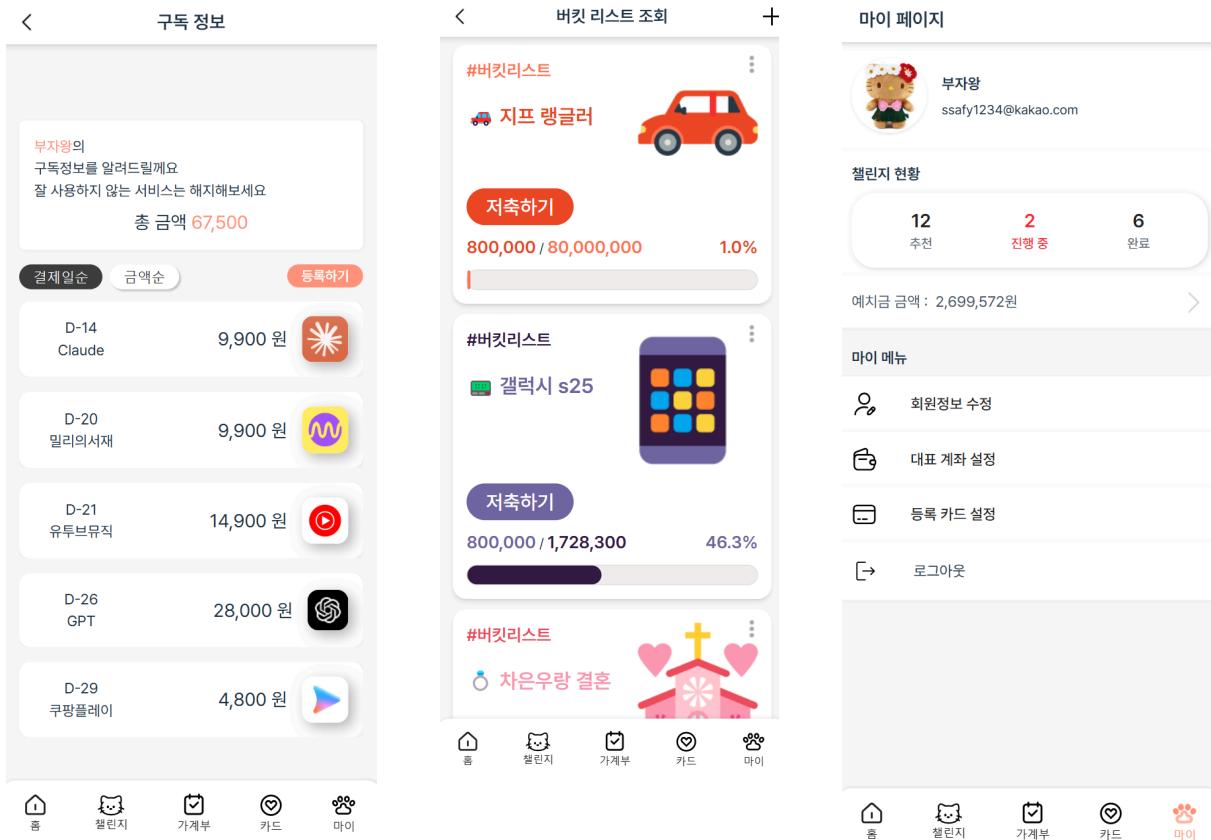


티끌냥



- 카드 추천 탭에서는 가계부에 기록된 소비 패턴을 기반으로 가장 적합한 카드를 추천한다.

5. 기타 기능



- 메인 화면 위젯 중 구독 정보를 클릭하면 유저가 등록한 구독 정보를 조회할 수 있다. 등록도 가능하다.
- 버킷리스트 조회를 클릭하면 유저가 설정한 버킷 리스트가 조회가 가능하며 저축하기 버튼을 통해 저축할 수 있다.
- 아래에 마이를 클릭하면 유저 정보를 조회, 수정 등이 가능하고 대표 계좌와 카드 설정이 가능하다.