시작하기

Maven 의존성

```
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4.0.0.xsd">
   <modelVersion>4.0.0/modelVersion>
      <groupId>org.springframework.boot
      <artifactId>spring-boot-starter-parent</artifactId>
      <version>2.1.3.RELEASE
   <group | d>net.skhu
   <artifactId>demo</artifactId>
   <version>0.0.1-SNAPSHOT
   <packaging>war</packaging>
   <name>vote</name>
   <description>School System Voting</description>
      <java.version>1.8</java.version>
      <maven.compiler.source>${java.version}</maven.compiler.source>
      <maven.compiler.target>${java.version}</maven.compiler.target>
      ct.build.sourceEncoding>UTF-8
      ct.reporting.outputEncoding>UTF-8
      <security.version>5.0.6.RELEASE</security.version>
         <groupId>org.junit.jupiter
         <artifactId>junit-jupiter-params</artifactId>
         <version>5.4.0-M1</version>
         <groupId>org.springframework.boot
         <artifactId>spring-boot-devtools</artifactId>
         <scope>runtime</scope>
         <groupId>org.mybatis.spring.boot
         <artifactId>mybatis-spring-boot-starter</artifactId>
         <version>1.3.2
```

```
<groupId>org.springframework.boot
<artifactId>spring-boot-starter-web</artifactId>
<groupId>javax.servlet
<artifactId>jstI</artifactId>
<version>1.2</version>
<groupId>org.apache.tomcat.embed
<artifactId>tomcat-embed-jasper</artifactId>
<groupId>mysqI
<artifactId>mysql-connector-java</artifactId>
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<groupId>org.projectIombok
<artifactId>Iombok</artifactId>
<optional>true
<groupId>org.springframework.boot
<artifactId>spring-boot-starter-tomcat</artifactId>
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<groupId>org.springframework.boot
<artifactId>spring-boot-starter-test</artifactId>
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       <artifactId>junit</artifactId>
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<artifactId>junit-jupiter-api</artifactId>
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<artifactId>junit-jupiter-engine</artifactId>
<scope>test</scope>
<groupId>org.junit.vintage
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<scope>test</scope>
<groupId>org.mockito
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```
<artifactId>mockito-junit-jupiter</artifactId>
<groupId>org.springframework.cloud
<artifactId>spring-cloud-starter-aws</artifactId>
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<artifactId>spring-cloud-aws-autoconfigure</artifactId>
<version>1.2.1.RELEASE
<groupId>org.testng
<artifactId>testng</artifactId>
<version>RELEASE
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<groupId>org.springframework.security
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<artifactId>mail</artifactId>
<version>1.4.7
<groupId>org.springframework
<artifactId>spring-context-support</artifactId>
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<groupId>org.apache.commons
<artifactId>commons-lang3</artifactId>
<version>3.0
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```
<groupId>org.apache.commons
<artifactId>commons-io</artifactId>
<version>1.3.2
<group | d>com.amazonaws
<artifactId>aws-java-sdk</artifactId>
<version>1.11.388
<groupId>commons-fileupload
<artifactId>commons-fileupload</artifactId>
<groupId>org.apache.httpcomponents
<artifactId>httpclient</artifactId>
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<artifactId>aws-java-sdk</artifactId>
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<groupId>org.aspectj
<artifactId>aspectjweaver</artifactId>
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<group I d>com.auth0
<artifactId>java-jwt</artifactId>
<version>3.3.0
<groupId>org.springframework.boot
<artifactId>spring-boot-starter-actuator</artifactId>
   <group | d>org.springframework.boot
   <artifactId>spring-boot-maven-plugin</artifactId>
```

실행 하기

Window 10 환경 기준

- 8080 포트 사용
- Jdk8과 maven 설치
- JAVA_HOME 환경변수 설정
- Path에 maven 환경 변수 설정
- 톰캣을 이용해 서버 배포
- Application.yml 파일 필요
- mvn spring-boot:run 으로 실행

사용된 도구들

- Spring-boot
- Maven
- Tomcat
- Mysql
- IntelliJ IDEA
- AWS EC2
- AWS RDS
- AWS S3