

SWAGGER

- Maven kullanılarak yapılmıştır.

```
<dependency>
  <groupId>io.springfox</groupId>
  <artifactId>springfox-swagger2</artifactId>
  <version>2.9.2</version>
</dependency>

<dependency>
  <groupId>io.springfox</groupId>
  <artifactId>springfox-swagger-ui</artifactId>
  <version>2.9.2</version>
</dependency>
```

spring.application.name=SwaggerJavaExample server.port=8080 # Swagger Configuration
springfox.documentation.swagger.v2.path=/api-docs //properties

```
package com.example.swaggerjavaexample.model;

public class SendVoice {
    private String aNumber;
    private String bNumber;
    private int duration;
    private String location;

    // Getters
    public String getANumber() {
        return aNumber;
    }

    public String getBNumber() {
        return bNumber;
    }

    public int getDuration() {
        return duration;
    }

    public String getLocation() {
        return location;
    }

    // Setters
    public void setANumber(String aNumber) {
        this.aNumber = aNumber;
    }

    public void setBNumber(String bNumber) {
        this.bNumber = bNumber;
    }
}
```

```

    }

    public void setDuration(int duration) {
        this.duration = duration;
    }

    public void setLocation(String location) {
        this.location = location;
    }
}

public class SendSms {
    private String aNumber;
    private String bNumber;
    private String location;

    // Getters
    public String getANumber() {
        return aNumber;
    }

    public String getBNumber() {
        return bNumber;
    }

    public String getLocation() {
        return location;
    }

    // Setters
    public void setANumber(String aNumber) {
        this.aNumber = aNumber;
    }

    public void setBNumber(String bNumber) {
        this.bNumber = bNumber;
    }

    public void setLocation(String location) {
        this.location = location;
    }
}

public class SendData {
    private String aNumber;
    private int mb;
    private String rg;
    private String location;

    // Getters
    public String getANumber() {
        return aNumber;
    }

    public int getMb() {
        return mb;
    }
}

```

```
public String getRg() {  
    return rg;  
}  
  
public String getLocation() {  
    return location;  
}  
  
// Setters  
public void setANumber(String aNumber) {  
    this.aNumber = aNumber;  
}  
  
public void setMb(int mb) {  
    this.mb = mb;  
}  
  
public void setRg(String rg) {  
    this.rg = rg;  
}  
  
public void setLocation(String location) {  
    this.location = location;  
}  
}
```

```
package com.example.swaggerjavaexample.controller;

import com.example.swaggerjavaexample.model.SendVoice;
import com.example.swaggerjavaexample.model.SendSms;
import com.example.swaggerjavaexample.model.SendData;
import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/api")
public class CommunicationController {

    @PostMapping("/sendVoice")
    public String sendVoice(@RequestBody SendVoice sendVoice) {
        return String.format("A call was made from %s to %s for %d minutes in %s.",
            sendVoice.getANumber(), sendVoice.getBNumber(),
            sendVoice.getDuration(), sendVoice.getLocation());
    }

    @PostMapping("/sendSms")
    public String sendSms(@RequestBody SendSms sendSms) {
        return String.format("A SMS was sent from %s to %s in %s.",
            sendSms.getANumber(), sendSms.getBNumber(),
            sendSms.getLocation());
    }

    @PostMapping("/sendData")
    public String sendData(@RequestBody SendData sendData) {
        return String.format("Data usage of %dMB was recorded for %s in %s with RG %s.",
            sendData.getMb(), sendData.getANumber(),
            sendData.getLocation(), sendData.getRg());
    }
}
```

```
package com.example.swaggerjavaexample.config;

import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;
import springfox.documentation.builders.PathSelectors;
import springfox.documentation.builders.RequestHandlerSelectors;
import springfox.documentation.spi.DocumentationType;
import springfox.documentation.spring.web.plugins.Docket;
import springfox.documentation.swagger2.annotations.EnableSwagger2;

@Configuration
@EnableSwagger2
public class SwaggerConfig {

    @Bean
    public Docket api() {
        return new Docket(DocumentationType.SWAGGER_2)
            .select()

        .apis(RequestHandlerSelectors.basePackage("com.example.swaggerjavaexample"))
            .paths(PathSelectors.any())
            .build();
    }
}
```