**Student-Service Guide**

* **Software Specification :- Java 17, Springboot 2.6.7,Maven, Mysql 5.7**
* **Hardware Specification :- windows 7 and above version, I3 Processor for better speed and above.**
* **Software step required :- Java JDK, Mysql, IDE STS or Intelij**
* **Process to import Student-service :- 1) Unzip Student-service Application 2) open in your available IDE 3) Do Maven clean 4)Maven install.**

**Flow for get result :- 1) Add/save/create Student using**

**curl --location --request POST 'http://localhost:8081/StudentDetails/save' \**

**--header 'Content-Type: application/json' \**

**--data-raw '{**

**"name" : "Deepak",**

**"age" : 30,**

**"address" : "Ahmednagar"**

**}'**

**Note – for testing you can add student as per your need. Minimum 1 student is required for testing and you and add maximum as you required**

**2) Check Student list with**

**curl --location --request GET 'http://localhost:8081/StudentDetails/students'**

**3) Add/save/create Subject**

**curl --location --request POST 'http://localhost:8081/subjectDetails/save' \**

**--header 'Content-Type: application/json' \**

**--data-raw '{**

**"subjectName": "Java",**

**"mark" : 68**

**}'**

**Note – for testing you can add subject as per your needs. Minimum 1 subject is required for testing and you and add maximum as you required.**

**4) Assign Subject to Student :-   
for our required output we need to map Student and Subject relation.**

**for mapping use :-**

**curl --location --request PUT 'http://localhost:8081/StudentDetails/addsubject/16/17'**

**5) Student with Subject required output use :-**

**curl --location --request GET**

**'http://localhost:8081/StudentDetails/student?studentName=Deepak**

**'**

**Output –**

**{**

**"name": "Deepak",**

**"age": 30,**

**"address": "Ahmednagar",**

**"subjects": [**

**{**

**"Java": 68**

**}**

**]**

**}**