# Assignment – 4: SMS API Exercise

# Enterprise Software Architecture

Name: Sai Vittal Battula ID: 18XJ1A0238 URL: [https://saivittalb.com](https://saivittalb.com/)

## GitHub repo link – <https://github.com/saivittalb/sms-microservice.git>

## Microservice link – <https://sms-microservice-api.herokuapp.com>

## **Credentials for .env file to setup locally**

### **For SMS Microservice**

MONGODB\_URI="mongodb://saivittalb:zNPT0BGzo7il31Qf@e-commerce-demo-shard-00-00.rdax9.mongodb.net:27017,e-commerce-demo-shard-00-01.rdax9.mongodb.net:27017,e-commerce-demo-shard-00-02.rdax9.mongodb.net:27017/sms?ssl=true&replicaSet=atlas-pq9f8i-shard-0&authSource=admin&retryWrites=true&w=majority"

TOKEN\_SECRET="1234567890"

## Instructions to setup locally and run the microservice

Can be found in the ‘Instructions’ section in the README.md file in the above provided GitHub repo.

## APIs and their behavior

Can be found in the ‘APIs and their behavior’ section in the README.md file in the above provided GitHub repo.

**Note**:

Basic unit tests are written for all the controller functions using Mocha and Chai.

All necessary validations, tests, and flow were performed and adapted precisely which were both inside and outside the scope of the provided design specifications document. REST API standards were followed. Most of the corner cases were taken into consideration.