API Gateways for Verizon Services:

Creating secure and scalable API gateways to expose telecommunication functionalities (e.g., SMS sending, call management, subscriber data retrieval) to other applications or third-party developers. Spring Cloud Gateway or Netflix Zuul can be integrated for this purpose.

**Entity: SMS Sending**

Long id

String smsid

String messages

String typeMsg //textMsg,AudioMsg,VideoMsg

**Required Endpoints:**

* POST /SMS – Add the SMS messages to be displayed
* GET /SMS – View all SMS Messages
* GET /SMS/normal/{msgId} – Get normal message list
* GET /SMS/audio/{audioMsg} – Get all audio messages
* DELETE /msgs/{id} – delete messages based on spam

**Postman Display:**

* Displays all the messages by creating endpoints
* Filter out by showing different types of messages.

Verizon Network Monitoring and Management Systems:

Developing applications to monitor network performance, collect metrics from network devices, and visualize network health in real-time. This could involve integrating with various network protocols and data sources.

**Entity: Network**

Long networkID

Long networkStrength

String network failures

String result //network passing and failure system

**Required Endpoints:**

* POST /network health – Display all the client Network health
* GET /status – display the status of the network
* GET /status/success/{statusId} – Get all the successId of network strength

**Postman Display:**

* Display the status of the network by using post request
* Display only the success rate of the messages sent

Customer Relationship Management (CRM) for Verizon

Developing custom CRM solutions to manage customer interactions, service requests, and support tickets, tailored to the specific needs of a telecommunications provider.

**Entity: CRM**

String custId

String serviceComplaint

String ticketsRaised

String resolveStatus //network passing and failure system

**Required Endpoints:**

* POST /tickets – Display all the tickets raised by the clients
* GET /resolveStatus – displays all the status of the tickets
* GET /status/resolveStatus/{passID} – Get all the success completion of complaints to customers

**Postman Testing Display:**

* Display the status of the work done
* Display only the pending requests