**TECH STACK:**

* **MySQL**
* **Java**
* **SpringBoot**
* **Swagger**
* **JunitTestCases/TestEntityManager**

**Place Info:**

ID (PK)

NAME

**ConsumptionInfo:**

KEYRAND (PK) AI

TMSMTP

ID (FK)

CONSUMPTION

COUNTER ID was not passed:

* Configuration file
* API approach

If continuous stream of data:

* Have a Kafka Broker.
* SparkStreaming Job or consumer Programme to take in the data.
* NOSQL database: Cassandra.

Time is taken at the time of data input implicitly.

**POST - 2**

**GET – 2**

**BASIS:**

select sum(b.consumption) as consumption, a.name from place\_info a

LEFT JOIN

consumption\_info b

ON a.id=b.id

where b.tmsmtp > '2019-03-21 09:55:01' and b.tmsmtp < '2019-03-22 12:55:01'

GROUP BY a.name