**Customer**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl | Field Name | Field Type | Remarks |
| 1 | Customer id | String (Primary key) | email |
| 2 | name | String |  |
| 3 | country | String |  |
| 4 | state | String |  |
| 5 | city | String |  |
| 6 | zip | int |  |
| 7 | address | String |  |
| 8 | contact number | Bigint |  |
| 9 | password | String |  |

**Device**

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Remarks |
| device\_pk | Number (Long) | Primary Key, Auto increment |
| client\_id | String | Unique key, no deplicates |
| variant | String |  |
| hw\_ver | String |  |
| fw\_ver | String |  |
| o\_logo | String |  |
| o\_prod\_name | String |  |
| o\_prod\_ver | String |  |
| u\_dev\_name | String |  |
| u\_comp\_name | String |  |
| u\_tz\_diff | Float |  |
| u\_lat | Float |  |
| u\_long | Float |  |
| u\_conn\_ssid | String |  |
| Customer id | String | Foregin key |

sensor master

|  |  |  |  |
| --- | --- | --- | --- |
| Sl | Field Name | Field Type | Remarks |
| 1 | sensor\_pk | Number (Long) | Primary Key, Auto increment |
| 2 | device\_pk | Number (Long) | Foreign key(Device master) |
| 3 | meter\_idx | Number | This will be zero |
| 4 | sensor\_idx | Number |  |
| 5 | sensor\_name | String |  |
| 6 | sensor\_uom | String |  |
| 7 | sensor\_report\_group | Number |  |

Sensor value

|  |  |  |  |
| --- | --- | --- | --- |
| Sl | Field Name | Field Type | Remarks |
| 1 | value\_pk | Number (Long) | Auto increment |
| 2 | device\_pk | Number (Long) | Foreign key(Device master) |
| 3 | meter\_idx | Number | This will be zero |
| 4 | sensor\_idx | Number | Foregin key(Sensor master) |
| 5 | reading\_time | Timestatmp | Epoc Time (UTC) |
| 6 | sensor\_value | Double |  |