**Authentication Service(AS)**

This module is responsible to generate the token and validate the token . It is a micro component which runs individually and is responsible for the followings:

**Current Scope :**

* Register the subscriber (CRUD operations)
* Generate the token
* Validate the token

**Future Scope :**

* OAUTH 2
* Password Decryption and validation

DB Schema :

**Table Name : subscriber**

|  |  |  |  |
| --- | --- | --- | --- |
| Col Name | Type | Constraints | Description |
| Id | BIGINT | Primary Key | Primary Key of table |
| userName | VARCHAR2 | Unique & NN | Username ..It must be unique |
| password | VARCHAR2 | NN | Password of user |
| authToken | VARCHAR2(500) |  | Auth token of the user |
| tokenExpiry | VARCHAR2(500) |  | Expiry time of the auth token |
| refreshToken | VARCHAR2(500) |  | Refresh token(Not in scope now) |
| isActive | TINYINT |  | 0/1 (Soft delete)(Not in Scope now) |

Ex .

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Id | userName | password | authToken | tokenExpiry | refreshToken | isActive |
| 1 | Hotel X | Xyz | Deb123 | Abc | NULL | 1 |
| 2 | Hotel Y | CHETAN | Che123 | ABC | NULL | 1 |
| 3 | Hotel Z | Tanmay | Tan1234 | TANMAY | NULL | 1 |
| 4 | Hotel A | Yash | Yash1234 | Yash | NULL | 0 |
| 5 | Hotel B | Vidul | Vid12345 | VID | NULL | 1 |