**UDAPI Json Agreement**

**[All endpoints are after ip+port EG: localhost:8080/udapi/v1/entitySet/]**

**[Keys of json post body are case sensitive]**

**Note:**

Database-Type header identifies the database to be used.

Values can be of the type:

1 mysql

2 mongodb

3 riakdb

4 couchdb (NOT USED FOR NOW)

**User Authentication:**

First sign up, then login.

After login, a Jwt-Token will be given, which is valid for 6 hours.

The user will be redirected back to the login page if jwt token is expired.

**Signup:**

**POST:**

Endpoint: udapi/v1/auth/signup

Body example:

{

"userName": "Amit",

"password": "password",

"type": 1

}

**Login:**

**POST:**

Endpoint: udapi/v1/auth/login

Body example:

{

"userName": "Amit",

"password": "password",

"type": 1

}

**Metadata:**

**POST:**

Endpoint: udapi/v1/metadata/db/mysql

Header: Jwt-Token

Body example:

{

"dbName": "udapitest",

"userName":"root",

"password":"password",

"port":3306,

"ip":"127.0.0.1"

}

**GET:**

**GET ALL METADATA:**

Endpoint: udapi/v1/metadata/db/all

Header: Jwt-Token

**RETURN:** JsonArray of metadata objects

**GET DB METADATA:**

Endpoint: udapi/v1/metadata/db/mysql (/mongodb , etc)

Header: Jwt-Token

**PUT:**

Endpoint: udapi/v1/metadata/db/mysql (/mongodb , etc)

Header: Jwt-Token

Body example: (Need entire object to update, even fields that won’t be updated)

{

"dbName": "udapitest",

"userName":"root",

"password":"password",

"port":3306,

"ip":"127.0.0.1"

}

**DELETE:**

Endpoint: udapi/v1/metadata/db/mysql (/mongodb , etc)

Header: Jwt-Token

**Entity Sets:**

**[Entity sets cannot be updated, created or deleted]**

**GET:**

**GET ALL ENTITY SETS:**

Endpoint: /udapi/v1/entitySet/

Headers:

Jwt-Token

Database-Type

**RETURN:** JsonArray of entitySets

**GET ALL ENTITIES IN ENTITY SET:**

Endpoint: /udapi/v1/entitySet/**entitySetName** (replace with the es name)

Headers:

Jwt-Token

Database-Type

**RETURN:** JsonArray of entites

**Entity:**

**(Similar GET, POST, etc)**

/udapi/v1/entity/**entitySetName**/**entityPrimaryKey**

Headers:

Jwt-Token

Database-Type