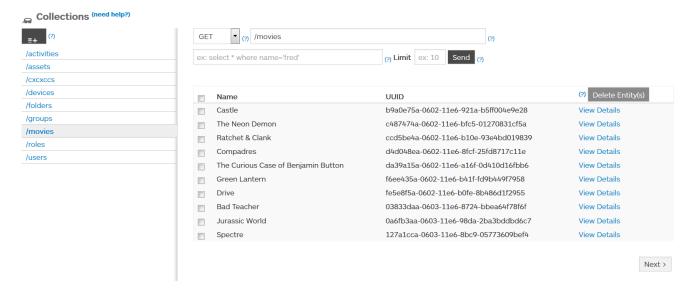
Assignment #4 – Apigee BaaS tools

Example of my JSON structure for a single "movie" entitiy

I added 10 movies to my collection "movies" on <a href="https://apigee.com/appservices">https://apigee.com/appservices</a> and got their UUIDs



## Snippet of my server app.js

Initiate and connect to the server

```
var usergrid = require('usergrid');
var express = require('express');
var app = express();
var request = require('request');
var client = new usergrid.client({
    orgName:'hanialghamdi',
    appName:'sandbox',
});
```

Creating a new rntiti from the query parameters

```
app.post('/movies', function (req, res) {
   if(!req.query.name || !req.query.debut || !req.query.actors) {
      res.send('There was an error in creating the entity.');
} else {
      var options = {
            type: 'movies',
            name: req.query.name,
            debut: req.query.debut,
            actors: req.query.actors,
            getOnExist: true
      };
      //Call createEntity to initiate the API call
      dataClient.createEntity(options, function(error, result) {
            if(error) {
                var info = JSON.parse(body);
                res.send(info);
            } else {
                res.status(200).send('New movie posted successfully');
            }
        });
});
```

Deleting an entity

```
app.delete('/movies', function (req, res) {
    var properties = {
        type: 'movies',
        name: req.query.name,
        getOnExist: true
    };
    //create the entity object
    var entity = new Usergrid.entity(properties);
    //call destroy() to initiate the API DELETE request
    entity.destroy(function (error, result) {
        if (error) {
            var info = JSON.parse(body);
            res.send(info);
        } else {
            res.status(200).send('Movie deleted successfully');
        }
    });
});
```