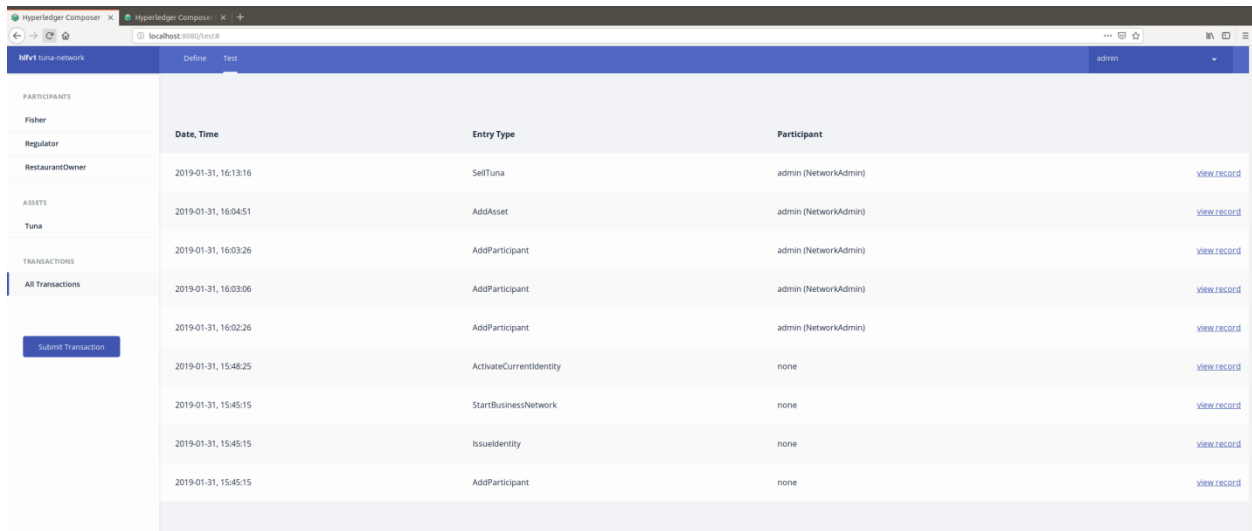


Travis Dennis

CS 480

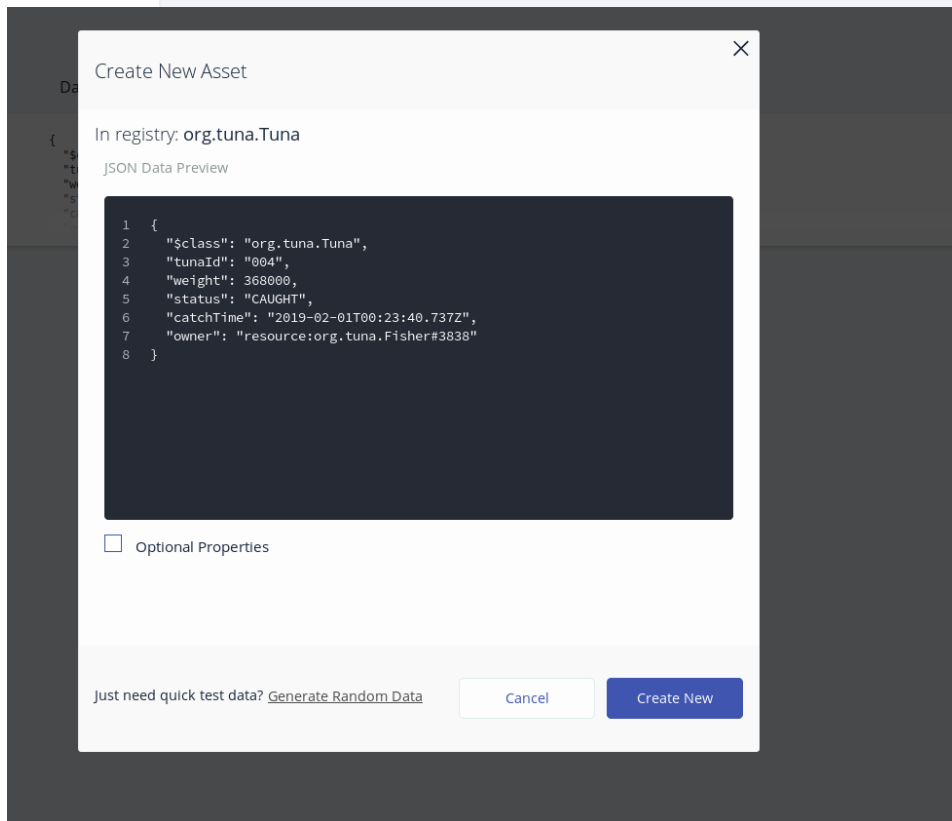
Lab 2

Demonstration of the View to test in the Composer Playground



The screenshot shows the Hyperledger Composer Playground interface. On the left, there is a sidebar with a tree view containing 'PARTICIPANTS' (Fisher, Regulator, RestaurantOwner), 'ASSETS' (Tuna), and 'TRANSACTIONS' (All Transactions). The main area displays a table of transactions. The table has columns for 'Date, Time', 'Entry Type', and 'Participant'. Each row includes a 'view record' link. A 'Submit Transaction' button is located at the bottom left of the table.

Date, Time	Entry Type	Participant	
2019-01-31, 16:13:16	SellTuna	admin (NetworkAdmin)	view record
2019-01-31, 16:04:51	AddAsset	admin (NetworkAdmin)	view record
2019-01-31, 16:03:26	AddParticipant	admin (NetworkAdmin)	view record
2019-01-31, 16:03:06	AddParticipant	admin (NetworkAdmin)	view record
2019-01-31, 16:02:26	AddParticipant	admin (NetworkAdmin)	view record
2019-01-31, 15:48:25	ActivateCurrentIdentity	none	view record
2019-01-31, 15:45:15	StartBusinessNetwork	none	view record
2019-01-31, 15:45:15	IssueIdentity	none	view record
2019-01-31, 15:45:15	AddParticipant	none	view record



The 'Create New Asset' dialog box is shown. It contains the text 'In registry: org.tuna.Tuna' and a 'JSON Data Preview' section. The JSON data is as follows:

```
1 {
2   "$class": "org.tuna.Tuna",
3   "tunaId": "004",
4   "weight": 368000,
5   "status": "CAUGHT",
6   "catchTime": "2019-02-01T00:23:40.737Z",
7   "owner": "resource:org.tuna.Fisher#3838"
8 }
```

Below the JSON preview, there is an unchecked checkbox labeled 'Optional Properties'. At the bottom, there is a link 'Just need quick test data? [Generate Random Data](#)', a 'Cancel' button, and a 'Create New' button.

Above picture demonstrates adding a new tuna asset, selecting ID 004 and assignment to fisher 3838

Below is the Tuna being added in to the registry, ID 004

Asset registry for org.tuna.Tuna	
ID	Data
004	<pre>{ "\$class": "org.tuna.Tuna", "tunaId": "004", "weight": 368000, "status": "CAUGHT", "catchTime": "2019-02-01T00:23:40.737Z", "source": "Resource.org.tuna.Fisher#3838" }</pre>

(1) Custom Fisher with my name and V number

Curl

curl -X GET --header 'Accept: application/json' 'http://localhost:3000/api/Fisher'

Request URL

http://localhost:3000/api/Fisher

Response Body

```
[
  {
    "$class": "org.tuna.Fisher",
    "licenseNumber": "V00324575",
    "id": "5183",
    "name": "TJ Dennis",
    "address": ""
  }
]
```

Response Code

200

Response Headers

```
{
  "access-control-allow-credentials": "true",
  "connection": "keep-alive",
  "content-length": "102",
  "content-type": "application/json; charset=utf-8",
  "date": "Fri, 01 Feb 2019 00:16:37 GMT",
  "etag": "W/\"66-fLqEF0ZNRhs8n7rGkmAZV4pC3m8\"",
  "vary": "Origin, Accept-Encoding",
  "x-content-type-options": "nosniff",
  "x-download-options": "noopen",
  "x-frame-options": "DENY",
  "x-xss-protection": "1; mode=block"
}
```

(2) A regulator extends Individual the same as Fisher, so it inherits the same properties that fisher does. Yet it does not have all the same fields as fisher because of fisher adding in licenses.