Feature: APS Auditor

* Keeping track of all request scrapes
* Log status after at each task completes

Scenario: Track all system scrapes

Given the url, datetime request and user

When the a scrape session is initiated

Then log the given information

Example:

|  |  |  |
| --- | --- | --- |
| URL | Date Requested | User |
| http://www.telkom.com/ | 2014-05-10 11:00:00 AM | x@gmail.com |
| http:// www.joburg.org.za/ | 2014-05-10 11:15:00 AM | y@gmail.com |

Scenario: Log task statuses

Given the status

When task completed

Then log status to the database

Example:

|  |  |  |  |
| --- | --- | --- | --- |
| **Completed** | **Status** | **Date Occurred** | **Audit Master Id** |
| Successful | Scrapper has initiated | 2014-05-10 11:00:00 AM | 1 |
| Successful | Scrape Session Data successfully received | 2014-05-10 11:10:00 AM | 1 |
| Successful | Scrape Session Interpretation successful | 2014-05-10 11:10:15 AM | 1 |
| Successful | Scrape Session Data Pairs Conversion Successful | 2014-05-10 11:10:17 AM | 1 |
| Successful | Scrape Session Validation Successful | 2014-05-10 11:10:20 AM | 1 |
| Successful | Statement Successfully composed | 2014-05-10 11:10:40 AM | 1 |
| Successful | Scrapper has initiated | 2014-05-10 11:15:00 AM | 2 |
| Failed | Scrape Session failed | 2014-05-10 11:15:10 AM | 2 |

Feature: APS Scrape Session Agent

* Initiate web scraper
* Initiates the data interpreter
* Initiates the data validator
* Initiates the account statement composer
* Initiates failure handler

Scenario: Initiate web scraper

Given the url and account information

When 3rd party scraper initiates and completes

Then result is return

Example:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Url** | **Username** | **Password** | **Account Number** | **Validate Account Number** | **Return** |
| http://www.telkom.com/ | [x@gmail.com](mailto:x@gmail.com) | Password1234 | 1234567 | False | Scrape Session xml data pairs |
| http:// www.joburg.org.za/ | [y@gmail.com](mailto:y@gmail.com) | Opensesame | 456777 | False | Scrape Session xml with error codes |
| http:// www.joburg.org.za/ | [y@gmail.com](mailto:y@gmail.com) | Opensesame | 456777 | True | Account Valid |

Scenario: Agent Process

Given the result

When result is

Then initiate

And logs status

Example:

|  |  |
| --- | --- |
| **Result** | **Initiate** |
| Statement Retrieved Successful | Data Interpretation |
| Data Interpretation Successful | Data Validator |
| Data Validator Successful | Account Statement Composer |
| Account Statement Composer Successful | Notify scheduler |
| Any Failure | Failure Handler |