Get Data

Scheduler (chron job)

Web Services (using SpringBoot and Java)

Put Data

Database(

SchedulerInfo, EmailsInfo, Timings)

HTTP Response

HTTP Request

Front End to control the scheduler(only available for admin)

Database (As400 and Mariadb)

Read only access

Receiving Data

Request Data

HTTP Response

HTTP Request uusing

Front End Dashboard for Solr Batch Monitoring (using javascript and jQuery )

The three tables that scheduler uses are:

**Emails\_Info**

|  |  |
| --- | --- |
| **email\_id** | **type** |
| SolrBatchSync@copart.com | s |
| Keerthi.konuri@copart.com | r |

This table has two columns email\_id and type. Value ‘s’ in type represents the record as sender and Value ‘r’ in type represents the record as receiver. There will be only one sender in the table.

**Scheduler\_Info**

|  |  |  |  |
| --- | --- | --- | --- |
| **object\_type** | **data\_center** | **scheduler\_interval** | **last\_ran\_at** |
| lot | us\_reno | 5 | 2016-12-22 13:00:13 |

This table has four columns **object\_type**, **data\_center**, **scheduler\_interval** and **last\_ran\_at**. **Scheduler\_interval** is used to control the scheduler (Cron job) of that particular object in that datacenter. And the column last\_ran\_at is used to specify the time at which the scheduler last ran.

**Timings**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **object\_type** | **batch\_interval** | **data\_center** | **Start\_Time** | **End\_Time** |
| lot | 5 | us\_reno | 3:00:00 | 23:59:59 |

This table has five columns **object\_type**, **batch\_interval**, **data\_center**, **Start\_Time** and **End\_Time**. This table gives the batch\_interval between start time and end time.