

Complaints Management Service

Milestone: Implementation in NoSQL

Study Group 19

Aryaman Kakad

Andrew Le

857-313-5234

858-231-4851

kakad.a@northeastern.edu

le.and@northeastern.edu

Percentage of Effort Contributed by Student1: 50%

Percentage of Effort Contributed by Student2: 50%

Signature of Student 1: Aryaman Kakad

Signature of Student 2: Andrew Le

Submission Date: Dec 3, 2022

// MANUFACTURING SITES

```
db.manufacturing_sites.insert({"_id":102,"MFGSite_FName":"Hubert","MFGSite_LName":"3",  
"MFGSite_Address":"222 Ervin Port Lake Masonfurt, NY 96642"});
```

```
db.manufacturing_sites.insert({"_id":101,"MFGSite_FName":"Friedrich","MFGSite_LName":"2",  
"MFGSite_Address":"85412 Shields Drives Raheemouth, AK 71936"});
```

```
db.manufacturing_sites.insert({"_id":103,"MFGSite_FName":"Loyal","MFGSite_LName":"1",  
"MFGSite_Address":"23086 Charlene Road North Alda, TX 35852-9713"});
```

// DISTRIBUTOR

```
db.distributors.insert({"_id":1,"DistributorFname":"Zemlak, Weber and  
Hilpert","DistributorLname":"Group", "DistributorAddress":"1951 Miguel Courts Suite 454 Lake  
Fannie, IL 21426", "DateReceived":"1971-02-10 22:10:44"});
```

```
db.distributors.insert({"_id":2,"DistributorFname":"Ryan, Shields and  
Greenfelder","DistributorLname":"and Sons", "DistributorAddress":"262 Justina Springs Suite  
767 East Isabel, NC 88321", "DateReceived":"1991-03-08 03:56:18"});
```

```
db.distributors.insert({"_id":3,"DistributorFname":"Kilback and Sons","DistributorLname":"Group",  
"DistributorAddress":"1236 Herzog Plaza Apt. 985 Lelaville, SC 02428",  
"DateReceived":"2000-09-17 12:07:00"});
```

```
db.distributors.insert({"_id":4,"DistributorFname":"Hirthe Group","DistributorLname":"Inc",  
"DistributorAddress":"0598 Karlie Cove Suite 561 North Diamondtown, HI 68149",  
"DateReceived":"1982-12-28 23:51:07"});
```

```
db.distributors.insert({"_id":5,"DistributorFname":"Tremblay and  
Sons","DistributorLname":"PLC", "DistributorAddress":"6701 Lamont Route Suite 422 West  
Loristad, CO 09664-0996", "DateReceived":"2017-07-24 02:35:53"});
```

```
db.distributors.insert({"_id":6,"DistributorFname":"Nolan, Bogan and  
Ullrich","DistributorLname":"LLC", "DistributorAddress":"484 Muller Valleys Suite 632  
Demondview, NV 55395-7116", "DateReceived":"1998-01-17 14:19:39"});
```

```
db.distributors.insert({"_id":7,"DistributorFname":"Lowe Inc","DistributorLname":"Inc",  
"DistributorAddress":"232 Dagmar Way Suite 799 New Dorris, WY 08333-3334",  
"DateReceived":"1978-08-04 21:17:28"});
```

```
db.distributors.insert({"_id":8,"DistributorFname":"Heaney-Blanda","DistributorLname":"Inc",  
"DistributorAddress":"786 Durward Glen Apt. 682 Hahnland, AZ 75350-2164",  
"DateReceived":"2013-02-03 12:08:02"});
```

```
db.distributors.insert({"_id":9,"DistributorFname":"Wolff PLC","DistributorLname":"PLC",  
"DistributorAddress":"858 Rau Brooks Suite 290 Brielleberg, TX 12195-1384",  
"DateReceived":"1994-08-04 08:55:29"});
```

```
db.distributors.insert({"_id":10,"DistributorFname":"Kovacek-Brakus","DistributorLname":"PLC",  
"DistributorAddress":"602 Melyssa Square Suite 371 Yundtton, SC 24076",  
"DateReceived":"1974-07-26 11:49:12"});
```

// DISTRIBUTES

```
db.distributes.insert({"MFGSite_ID":101,"Distributor_ID":5});  
db.distributes.insert({"MFGSite_ID":102,"Distributor_ID":4});  
db.distributes.insert({"MFGSite_ID":103,"Distributor_ID":6});  
db.distributes.insert({"MFGSite_ID":102,"Distributor_ID":3});  
db.distributes.insert({"MFGSite_ID":103,"Distributor_ID":2});  
db.distributes.insert({"MFGSite_ID":101,"Distributor_ID":7});  
db.distributes.insert({"MFGSite_ID":103,"Distributor_ID":9});  
db.distributes.insert({"MFGSite_ID":102,"Distributor_ID":1});  
db.distributes.insert({"MFGSite_ID":102,"Distributor_ID":8});  
db.distributes.insert({"MFGSite_ID":101,"Distributor_ID":4});
```

// PRODUCT

```
db.products.insert({"_id":1,"ProductName":"LightGray","ProductMFGDate":"1976-08-18  
02:20:03","ProductLotNumber":"90327803"});
```

```
db.products.insert({"_id":2,"ProductName":"GhostWhite","ProductMFGDate":"2015-08-23  
11:11:07","ProductLotNumber":"36834877"});
```

```
db.products.insert({"_id":3,"ProductName":"LightGoldenRodYellow","ProductMFGDate":"2016-1  
0-20 09:46:16","ProductLotNumber":"69004216"});
```

```
db.products.insert({"_id":4,"ProductName":"Orange","ProductMFGDate":"2022-10-09  
06:50:59","ProductLotNumber":"94459074"});
```

```
db.products.insert({"_id":5,"ProductName":"SteelBlue","ProductMFGDate":"1980-09-04  
14:58:49","ProductLotNumber":"27492284"});
```

```
db.products.insert({"_id":6,"ProductName":"Chocolate","ProductMFGDate":"2022-03-08  
06:46:24","ProductLotNumber":"15978752"});
```

```
db.products.insert({"_id":7,"ProductName":"GhostWhite","ProductMFGDate":"1994-01-28  
03:24:27","ProductLotNumber":"63285451"});
```

```
db.products.insert({"_id":8,"ProductName":"Crimson","ProductMFGDate":"2013-06-07  
07:59:50","ProductLotNumber":"69067600"});
```

```
db.products.insert({"_id":9,"ProductName":"SteelBlue","ProductMFGDate":"2006-05-15  
23:58:21","ProductLotNumber":"3035450"});
```

```
db.products.insert({"_id":10,"ProductName":"HoneyDew","ProductMFGDate":"1973-04-24  
05:43:59","ProductLotNumber":"30152380"});
```

// STORES

```
db.stores.insert({"Distributor_ID":1,"Product_ID":4});  
db.stores.insert({"Distributor_ID":2,"Product_ID":6});  
db.stores.insert({"Distributor_ID":3,"Product_ID":2});  
db.stores.insert({"Distributor_ID":4,"Product_ID":9});  
db.stores.insert({"Distributor_ID":5,"Product_ID":1});  
db.stores.insert({"Distributor_ID":6,"Product_ID":7});  
db.stores.insert({"Distributor_ID":7,"Product_ID":8});  
db.stores.insert({"Distributor_ID":8,"Product_ID":6});  
db.stores.insert({"Distributor_ID":9,"Product_ID":10});  
db.stores.insert({"Distributor_ID":10,"Product_ID":3});
```

//SUPPLIER

```
db.supplier.insert({"_id":1,"SupplierFname":"Cummings-Kozey","SupplierLname":"and  
Sons","SupplierAddress":"91921 Eudora Forks Suite 795 Hilperthaven, IL 58839"});
```

```
db.supplier.insert({"_id":2,"SupplierFname":"Beer","SupplierLname":"Inc","SupplierAddress":"93  
5 Ferry Spurs Lake Verna, WA 46734"});
```

```
db.supplier.insert({"_id":3,"SupplierFname":"McKenzie-Ritchie","SupplierLname":"and  
Sons","SupplierAddress":"0785 Duane Radial South Meredith, KS 29971-7012"});
```

```
db.supplier.insert({"_id":4,"SupplierFname":"Lind, Tremblay and  
Ziemann","SupplierLname":"Ltd","SupplierAddress":"2422 Cremin Stravenue New  
Alphonsoville, OR 23664"});
```

```
db.supplier.insert({"_id":5,"SupplierFname":"Raynor-Hermann","SupplierLname":"LLC","Supplier  
Address":"525 Lowe Drive Apt. 092 Jammieton, NY 03158"});
```

```
db.supplier.insert({"_id":6,"SupplierFname":"Davis-Mills","SupplierLname":"LLC","SupplierAddress":"503 Macey Mews Suite 678 Davonfurt, MN 92723"});
```

```
db.supplier.insert({"_id":7,"SupplierFname":"VonRueden","SupplierLname":"Inc","SupplierAddress":"796 Citlalli Drive Lake Rubyview, NV 21884-1101"});
```

```
db.supplier.insert({"_id":8,"SupplierFname":"Stanton-Simonis","SupplierLname":"Ltd","SupplierAddress":"076 Alan Street North Emery, CO 96004-3619"});
```

```
db.supplier.insert({"_id":9,"SupplierFname":"Pacocha","SupplierLname":"PLC","SupplierAddress":"2609 Mosciski Port Suite 134 Waldoton, NV 92548"});
```

```
db.supplier.insert({"_id":10,"SupplierFname":"O'Reilly-Kutch","SupplierLname":"LLC","SupplierAddress":"143 Julie Shoal Lake Edwardo, AK 15442-9099"});
```

//SUPPLIES

```
db.supplies.insert({"Supplier_ID":1,"MFGSite_ID":103})
db.supplies.insert({"Supplier_ID":2,"MFGSite_ID":101})
db.supplies.insert({"Supplier_ID":3,"MFGSite_ID":102})
db.supplies.insert({"Supplier_ID":4,"MFGSite_ID":102})
db.supplies.insert({"Supplier_ID":5,"MFGSite_ID":103})
db.supplies.insert({"Supplier_ID":6,"MFGSite_ID":102})
db.supplies.insert({"Supplier_ID":7,"MFGSite_ID":103})
db.supplies.insert({"Supplier_ID":8,"MFGSite_ID":101})
db.supplies.insert({"Supplier_ID":9,"MFGSite_ID":101})
db.supplies.insert({"Supplier_ID":10,"MFGSite_ID":103})
```

//NON-CONFORMANCE REPORT

```
db.non_conformance_report.insert({"_id":11086,"NCR_Date_Created":"2004-02-26
00:00:00","Field_Action":"Est sit consectetur ea id et. Aut rem inventore sit. Optio perspiciatis ab
dicta qui veritatis voluptas enim. Quo et veritatis eos qui eum fuga accusamus minima. Eaque
dolore voluptates vero quos ipsum vero."});
```

```
db.non_conformance_report.insert({"_id":12332,"NCR_Date_Created":"1976-08-08
00:00:00","Field_Action":"Voluptate aspernatur unde autem amet. Sapiente et qui sit
consequatur."});
```

```
db.non_conformance_report.insert({"_id":12800,"NCR_Date_Created":"1985-06-29
00:00:00","Field_Action":"Natus qui aut eaque. Aut modi quibusdam nisi minima qui. Et
dignissimos minus cum. Nobis nulla distinctio nostrum labore libero qui."});
```

```
db.non_conformance_report.insert({"_id":15085,"NCR_Date_Created":"1996-10-05  
00:00:00","Field_Action":"Placeat nostrum quod ab ad. Et nesciunt sapiente est voluptas. Eum  
vero illum labore eligendi. Excepturi totam necessitatibus minima consequatur saepe quia nulla.  
Totam nulla repudiandae et voluptatem at consequatur qui."});
```

```
db.non_conformance_report.insert({"_id":16659,"NCR_Date_Created":"1995-11-22  
00:00:00","Field_Action":"Ducimus consequuntur voluptatem dolores recusandae porro. Vitae  
quis deserunt quam dolores eos quia quam. Suscipit omnis aperiam dolorem nihil. Dolorem  
sequi laborum non dolore aut recusandae nesciunt. Fuga ut eveniet voluptas."});
```

```
db.non_conformance_report.insert({"_id":17006,"NCR_Date_Created":"2010-04-23  
00:00:00","Field_Action":"Rerum dignissimos consequatur illum non. Corrupti repellendus  
repellendus aut nobis. Sint ab temporibus sint aliquam tempore repudiandae reiciendis."});
```

```
db.non_conformance_report.insert({"_id":18786,"NCR_Date_Created":"1985-10-29  
00:00:00","Field_Action":"Ullam doloribus sapiente voluptatem aliquam. Nihil architecto  
repudiandae quasi corrupti ratione maiores quam consequuntur. Temporibus quia quis sed  
blanditiis. Possimus totam sit aut unde."});
```

```
db.non_conformance_report.insert({"_id":18992,"NCR_Date_Created":"1998-07-23  
00:00:00","Field_Action":"Aut omnis quasi earum unde repellat voluptatum. Qui eos nesciunt  
rerum qui et eaque consequuntur vel. Quia amet temporibus eius voluptatem aspernatur. Fugiat  
voluptatem ab corporis excepturi rerum deleniti reiciendis."});
```

```
db.non_conformance_report.insert({"_id":19490,"NCR_Date_Created":"2022-11-01  
00:00:00","Field_Action":"Ad dicta rerum est quidem consequatur velit. Voluptas cupiditate  
doloremque accusamus officiis eveniet placeat qui. Possimus ipsam sunt porro ut consequatur  
neque est."});
```

```
db.non_conformance_report.insert({"_id":19535,"NCR_Date_Created":"2007-08-19  
00:00:00","Field_Action":"Architecto suscipit necessitatibus quos eius debitis. Aliquam cumque  
quibusdam quam sit mollitia. Minus quidem impedit eos esse ab. Natus laudantium atque hic  
aut sunt iste voluptates. Aut ut quis dolor hic quis sapiente deserunt."});
```

//REPORTS

```
db.reports.insert({"MFGSite_ID":102,"NCR_ID":11086});  
db.reports.insert({"MFGSite_ID":103,"NCR_ID":12332});  
db.reports.insert({"MFGSite_ID":103,"NCR_ID":12800});  
db.reports.insert({"MFGSite_ID":101,"NCR_ID":15085});  
db.reports.insert({"MFGSite_ID":101,"NCR_ID":16659});  
db.reports.insert({"MFGSite_ID":102,"NCR_ID":17006});  
db.reports.insert({"MFGSite_ID":103,"NCR_ID":18786});  
db.reports.insert({"MFGSite_ID":103,"NCR_ID":18992});
```

```
db.reports.insert({"MFGSite_ID":101,"NCR_ID":19490});  
db.reports.insert({"MFGSite_ID":103,"NCR_ID":19535});
```

//ASSIGNED

```
db.assigned.insert({"NCR_ID":11086,"Supplier_ID":4});  
db.assigned.insert({"NCR_ID":12800,"Supplier_ID":7});  
db.assigned.insert({"NCR_ID":12800,"Supplier_ID":10});  
db.assigned.insert({"NCR_ID":17006,"Supplier_ID":7});  
db.assigned.insert({"NCR_ID":17006,"Supplier_ID":9});  
db.assigned.insert({"NCR_ID":18786,"Supplier_ID":3});  
db.assigned.insert({"NCR_ID":18992,"Supplier_ID":5});  
db.assigned.insert({"NCR_ID":19490,"Supplier_ID":10});  
db.assigned.insert({"NCR_ID":12800,"Supplier_ID":8});  
db.assigned.insert({"NCR_ID":17006,"Supplier_ID":15});
```