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1. Functional Changes**:**

## Mater ETL

To Integrating supplier, source and transporter data from MURI plant database to CSCTS application database in staging table. Merging and updating source, supplier and transporter table using CSCTS staging table.

## Transaction ETL

Integrating vehicle transaction data provided by MURI plant to CSCTS application database in staging table. Merging and updating trip table using CSCTS staging table.

## Database Changes

Involves scripts related to plant specific Table Creation and metadata insertion scripts for the on boarding of MURI plant.

## Code Changes:

Changes related to removal of plant specific code and making them reusable

# Environment specific port changes

## Master ETL

server.port = 8099

## Transaction ETL

server.port = 8076

## Entry Gate Application

proxy-conf.json: the target IP and port needs to be changes for the respective environment as shown below

* "target": "http://10.36.121.58:8098"

environment.prod.ts:

* imageApi:'http:// 10.36.121.58:8083',
* blendApi:'http:// 10.36.121.58:8091',
* deviceApi: 'http:// 10.36.121.58:9066',
* apiUrl:'http:// 10.36.121.58:8098',

database.properties:

* url=jdbc:oracle:thin:@10.36.121.59:1521: CSCDEV
* dbuser=CSCTS\_BLEND

application.yml

* port: 8098

# DB changes

## Master ETL

* TRANSPORTER\_MURI\_STAGE – New Table created
* SUPPLIER\_MURI\_STAGE – New Table created
* STATION\_MURI\_STAGE – New Table created

## Transaction ETL

* TOKEN\_TXN\_V\_24\_HR\_MURI\_STAGE – New Table Created
* MURI\_TRIP – New Table Created

## DDL CREATED:

* VEHICLE\_TYPE\_MURI\_STAGE
* VEHICLE\_MURI\_STAGE
* MURI\_ADDITIONAL\_TRIP
* MURI\_CHECKLIST
* MURI\_CHECKLIST\_HISTORY
* MURI\_CHECKRESULT
* MURI\_CHECKRESULT\_EXCEPTION\_FLOW
* MURI\_DO\_PO\_DETAILS
* MURI\_DO\_PO\_DETAILS\_STAGE
* MURI\_EXCEPTION
* MURI\_EXCEPTION\_APPROV
* MURI\_EXCEPTION\_APPROV\_HISTORY
* MURI\_EXCEPTION\_FLOW
* MURI\_EXCEPTION\_FLOW\_HISTORY
* MURI\_EXCEPTION\_HISTORY
* MURI\_PPE
* MURI\_PPE\_ISSUE
* MURI\_PPE\_ISSUE\_ITEMS
* MURI\_QUEUE
* MURI\_STOCK\_PILE
* MURI\_TARE\_HISTORICAL
* MURI\_TAT
* MURI\_TRIP
* MURI\_TRIP\_ALLOCATION
* MURI\_TRIP\_CHANGE
* MURI\_TRIP\_EXTENSION
* MURI\_TRIP\_IMAGE\_TO\_CP
* MURI\_TRIP\_INTERMEDIATE
* MURI\_TRIP\_LOG
* MURI\_TRIP\_WITHNONREF\_ID
* MURI\_VEHICLE\_EXPIRY\_DOC
* MURI\_WEIGHT\_THRESHOLD
* MURI\_WB\_INACTIVITY
* MURI\_YARD
* ANPR\_ENTRIES\_MURI
* STATION\_MURI\_STAGE
* SUPPLIER\_MURI\_STAGE
* TRANSPORTER\_MURI\_STAGE
* MURI\_USER\_ACTIVITY\_LOG

## Sequence Creation

* MURI\_CHECKLIST\_SEQ
* MURI\_CHECKRESULT\_EXCEPTION\_FLOW\_ID\_SEQ
* MURI\_CHECKRESULT\_SEQ
* MURI\_DOCUMENT\_ SEQ
* MURI\_DO\_PO\_DETAILS\_SEQ
* MURI\_EXCEPTION\_APPROV\_ID\_SEQ
* MURI\_EXCEPTION\_SEQ
* MURI\_PPE\_ISSUE\_ITEMS\_SEQ
* MURI\_PPE\_SEQ
* MURI\_SP\_SEQ
* MURI\_USER\_ACTIVITY\_LOG\_SEQ
* MURI\_YARD\_SEQ

## Index Creation

* MURI\_CHECKRESULT\_EXCEPTION\_FLOW\_PKEY
* MURI\_ADDITIONAL\_TRIP\_PKEY
* MURI\_CHECKLIST\_PKEY
* MURI\_CHECKRESULT\_EXCEPTION\_FLOW\_PKEY
* MURI\_DONO\_PKEY
* MURI\_EXCEPTION\_APPROV\_PKEY
* MURI\_EXCEPTION\_PK
* MURI\_PPE\_ID\_KEY
* MURI\_PPE\_ISSUE\_ID
* MURI\_STOCK\_CODE\_PKEY
* MURI\_TAT\_PKEY
* MURI\_TRIP\_PKEY
* MURI\_WEIGHT\_THRESHOLD\_PKEY
* MURI\_YARD\_PKEY
* PK\_MURI\_STOCK\_PILE\_HISTORY

## Trigger Creation

* MURI\_DO\_PO\_DETAILS\_ON\_INSERT
* MURI\_GRN
* MURI\_GROSS
* MURI\_NET
* MURI\_OVERLOADING
* MURI\_PV
* MURI\_RFID\_OUT
* MURI\_SP\_TRIGGER
* MURI\_TARE
* MURI\_TARE\_HISTORY
* MURI\_TARE\_HISTORY\_AVG
* MURI\_TATT
* MURI\_YARD\_TRIGGER

## DML Table – Insert

* PLANTS
* SOURCE\_MINE
* SHIFT
* TIPPLER
* PLANT\_TO\_PPE
* SUPPLIER
* TRANSPORTER
* CHOKEPOINT\_TO\_STATION
* PLANT\_CHOKE\_POINT\_WORKFLOW
* THRESHOLD\_DETAILS
* VEHICLE\_TYPE
* LOOK\_UP
* ROLES
* PROPILE
* PROFILE\_ROLE
* MURI\_EXCEPTION
* MURI\_CHECKLIST
* EXCEPTION\_TO\_SOP

## Scheduler Changes

* muri-poc-scheduler-prod
* token-txn-scheduler-muri-Prod

# Files Modified

[**https://dev.azure.com/HINDALCO/CSCTS/\_git/CSCTS\_EL/commit/497ae9be935b30e52e525f6b4caaccc9b7fe2fae?refName=refs%2Fheads%2Fnew-plant-onboarding**](https://dev.azure.com/HINDALCO/CSCTS/_git/CSCTS_EL/commit/497ae9be935b30e52e525f6b4caaccc9b7fe2fae?refName=refs%2Fheads%2Fnew-plant-onboarding)

1. /cscts-commons/src/main/java/com/cscts/common/constants/CsctsConstants.java
2. Deleted ->/cscts-commons/src/main/java/com/cscts/common/models/CsctsAdityaDeliveryOrder.java
3. /database-scripts/PLANT\_ENTRY\_SCRIPT\_MURI/DMLMURI.sql
4. /database-scripts/PLANT\_ENTRY\_SCRIPT\_MURI/export\_contraint\_muri.sql
5. /database-scripts/PLANT\_ENTRY\_SCRIPT\_MURI/export\_seq\_index.sql
6. /database-scripts/PLANT\_ENTRY\_SCRIPT\_MURI/export\_table\_muri.sql
7. /database-scripts/PLANT\_ENTRY\_SCRIPT\_MURI/export\_trigger\_muri.sql

1. /entry-gate-service/src/main/hindalco-ui/src/app/dialogModal/exception-image/exception-image.component.ts
2. /entry-gate-service/src/main/hindalco-ui/src/app/ld-files/mine-docs-upload/mine-docs-upload.component.html
3. /entry-gate-service/src/main/hindalco-ui/src/app/ld-files/services/general.service.ts
4. /entry-gate-service/src/main/hindalco-ui/src/app/services/login.service.ts
5. /entry-gate-service/src/main/hindalco-ui/src/environments/environment.prod.ts
6. /entry-gate-service/src/main/java/com/cscts/entrygate/dorecon/dao/impl/CsctsDoReconDaoImpl.java
7. /entry-gate-service/src/main/java/com/cscts/entrygate/minedispatch/dao/impl/CsctsMineDispatchDaoImpl.java
8. /entry-gate-service/src/main/java/com/cscts/entrygate/trip/controller/CsctsTripController.java
9. /entry-gate-service/src/main/java/com/cscts/entrygate/trip/dao/impl/CsctsTripDaoImpl.java
10. /entry-gate-service/src/main/java/com/cscts/entrygate/trip/dao/CsctsTripDao.java
11. /entry-gate-service/src/main/java/com/cscts/entrygate/trip/service/impl/CsctsTripServiceImpl.java
12. /entry-gate-service/src/main/java/com/cscts/entrygate/trip/service/CsctsTripService.java
13. /entry-gate-service/src/main/java/com/cscts/entrygate/utils/CsctsEntryGateUtility.java
14. /entry-gate-service/src/main/resources/application-db-queries.yml
15. /entry-gate-service/src/main/java/com/cscts/entrygate/vehicle/dao/impl/CsctsVehicleDaoImpl.java
16. /job-scheduler/src/main/java/com/cscts/job/scheduler/component/CsctsJobScheduler.java
17. /database-scripts/apconic\_scripts.sql
18. /entry-gate-service/src/main/resources/application.yml
19. /job-scheduler/src/main/resources/application.properties

# Rollback Steps

* The entry gate application current version is 0.16
* The preceding version is 0.14. In case of any issues, it will be rolled back to this version.

# Code Change Comments:

|  |  |
| --- | --- |
| **File Name** | **Comments** |
| CsctsConstants.java | Constants added for Muri |
| CsctsAdityaDeliveryOrder.java | Unused class – deleted |
| CsctsJobScheduler.java | Scheduler changes for Muri |
| CsctsVehicleDaoImpl.java | Rebase from staging |
| application-db-queries.yml | Rebase from staging |
| CsctsEntryGateUtility.java | Removed unused import |
| CsctsTripService.java | Removed used method |
| CsctsTripServiceImpl.java | Removed used method |
| CsctsTripDao.java | Removed used method |
| CsctsTripDaoImpl.java | Removed used method |
| CsctsTripController.java | Removed used API |
| CsctsMineDispatchDaoImpl.java | Removed plant specific hard coding |
| CsctsDoReconDaoImpl.java | Removed plant specific hard coding |
| Environment.prod.ts | Changes to incorporate plant specific image URL’s |
| Login.service.ts | Removed plant specific hard coding |
| General.service.ts | Changes to incorporate plant specific URL’s |
| Mine-docs-upload.component.ts | Added Muri plant for own mines option |
| Exception-image.component.ts | Changes to incorporate plant specific URL’s |
| export\_trigger\_muri.sql | Muri related trigger scripts |
| export\_table\_muri.sql | Muri related table scripts |
| export\_seq\_index.sql | Muri related index scripts |
| export\_contraint\_muri.sql | Muri related constraint scripts |
| DMLMURI.sql | Muri related insert scripts |
| apconic\_scripts.sql | Added missing look up scripts for other plants |
| application.yml | Rebase from staging – Dev URL added |
| application.properties | Changes for Database URL and credentials for Dev |