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CLARA APPLICATION –

FUNCTIONAL AND TECHNICAL SPECIFICATION DOCUMENT

Settings - Configuration

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1. Configuration

1.1 Language ID

Functional Specification

1. Search

Click ID Master - Language ID button from the Menu. This will take to Language ID screen's list page.

Fetch all the data of below table fields from LANGUAGE IDID table for ISDELETED value = 0 and display in the list page.

List

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	List Field
Language ID	LANG_ID	List Field
Language text	LANG_TEXT	List Field
Created By	CTD_BY	List Field
Created On	CTD_ON	List Field

List page can be filtered based on search parameters entered in below search fields.

Search

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	search field
Language ID	LANG_ID	search field
Language text	LANG_TEXT	search field
Created By	CTD_BY	search field
Created On From	CTD_ON	search field
Created On To	CTD_ON	search field

Note: Search field values can be multiple.

On clicking Search, Pass the search field values Fetch the records from LANGUAGE IDID table for ISDELETED value = 0 and display in the list page.

2. Create

Click Add New from the list page and this will all to add a new entry from the list page with below fields.

UI Labels	Table Name	Table Fields	Logic	Field Type	Field Condition	Remarks
Class ID	LANGUAGEID	CLASS_ID	Fetch CLASS_ID and CLASS values from CLASS table and display in dropdown	Dropdown field (Single Select)	Mandatory	
Language ID	LANGUAGEID	LANG_ID		Entry Field	Mandatory	
Language text	LANGUAGEID	LANG_TEXT		Entry Field	optional	

After Entering the values in the screen and on clicking SAVE.
Fetch the above values from the screen and insert into Language ID ID table along with below fields
CTD_BY - logged in USR_ID
CTD_ON - Server time
ISDELETED = 0

Field Validations

Refer the selection screen table.

DB Validations

Validate data types
CLASS_ID and LANG_ID - Not Null and Primary Keys
Validate CLASS_ID and LANG_ID values in the table Language IDID for the duplicate records before insertion.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
New record	0005	EN	S	Language ID created successfully
Record already exists	0006	EN	E	Language ID already exists

3. Update

Select a row from the list page and click Edit icon, pass the selected LANG_ID field in LANGUAGE IDID table and fetch below fields.

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	Editable
Language ID	LANG_ID	Non Editable
Language text	LANG_TEXT	Editable

Click Update after making changes in the editable fields.

Update table

Fetch the above values from selection screen and update into Language ID ID table along with below fields

UTD_BY - logged in USR_ID

UTD_ON - Server time

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0007	EN	S	Language ID updated successfully

4. Delete

Select the record in the list page and click delete button.

Validation

Pass LANG_ID field in MONGO DB and validate if there are additional records other than the selected record.

If NO

Pass the selected LANG_ID field in LAGUAGEID table and update ISDELETED value from 0 to 1

If Yes

Validate, REF_FIELD_10 value is flagged in the searched record.

1. If the value is Flagged -Pass the selected LANG_ID field in LANGUAGE IDID table and update ISDELETED value from 0 to 1.

2. If the Value is not Flagged - Fetch the TRANS_ID for the validated records. Pass TRANS_ID in TRANSACTIONID table and fetch TRANS_TEXT.

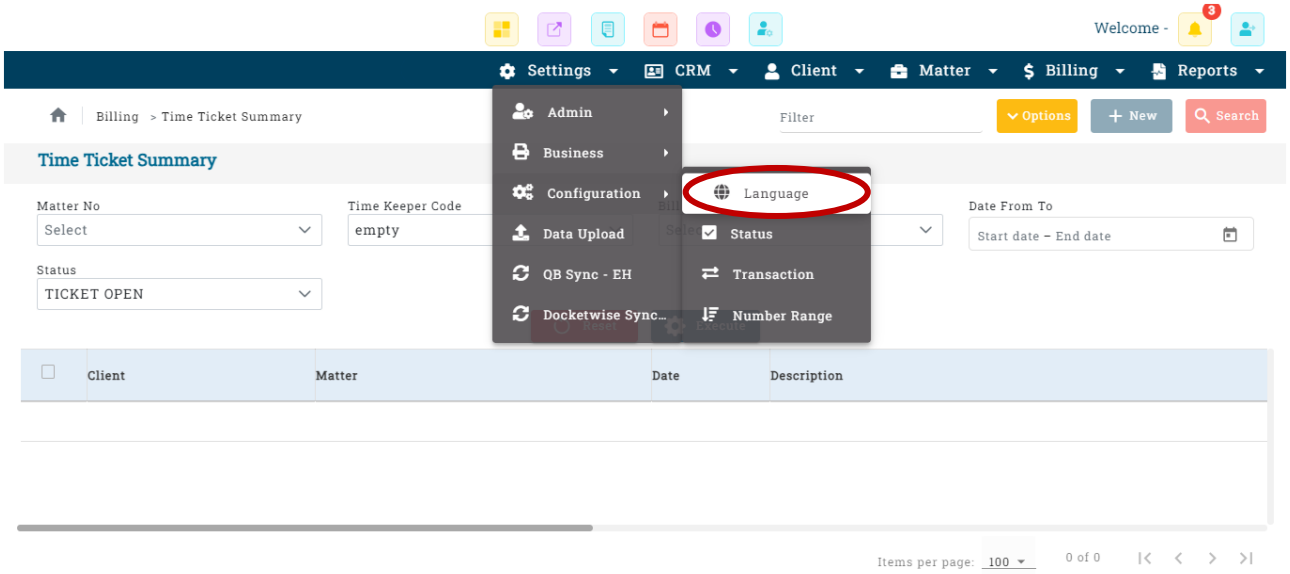
Display the Error Message - "Selected record Can't be deleted as there are Open entries exist" along with TRANS_TEXT, Document Number.

Messages

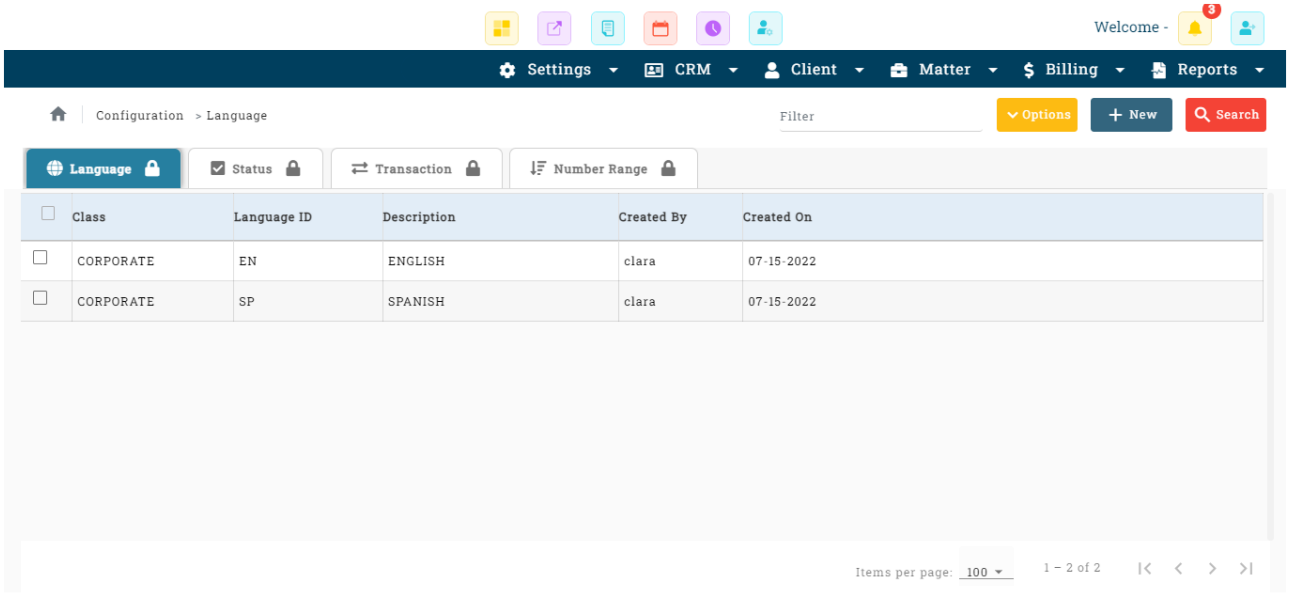
Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0008	EN	S	Language ID deleted successfully

Technical Specification



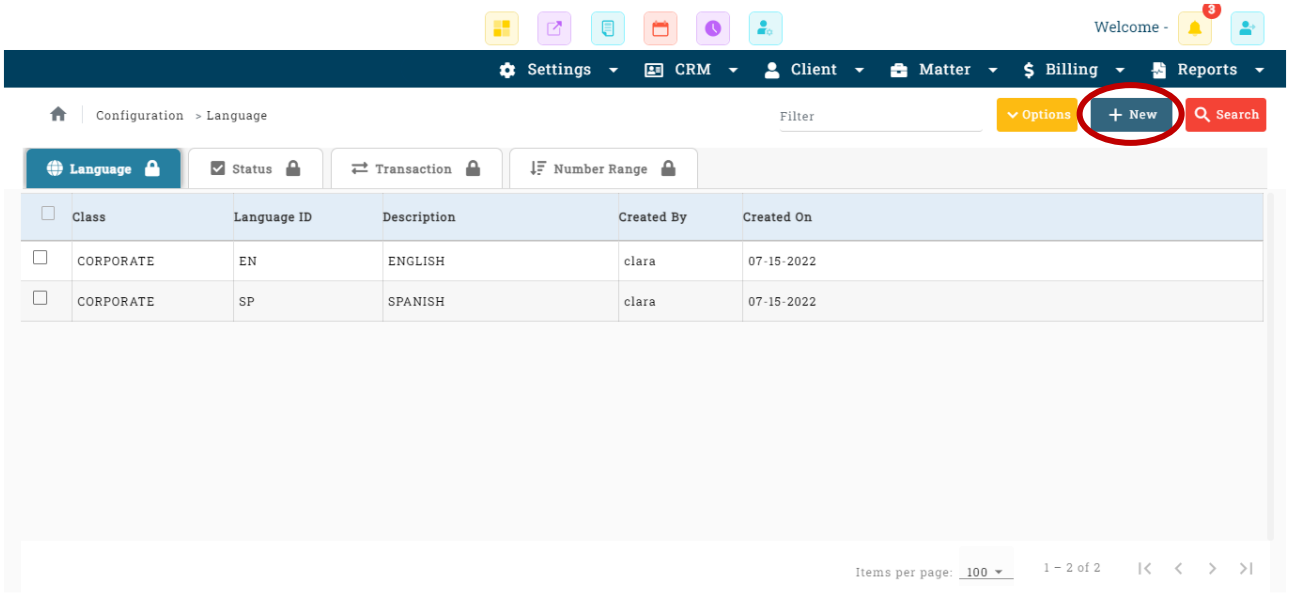
To view the Language ID list, click on ‘Language’ button in the 'Configuration' menu as shown in the above figure.



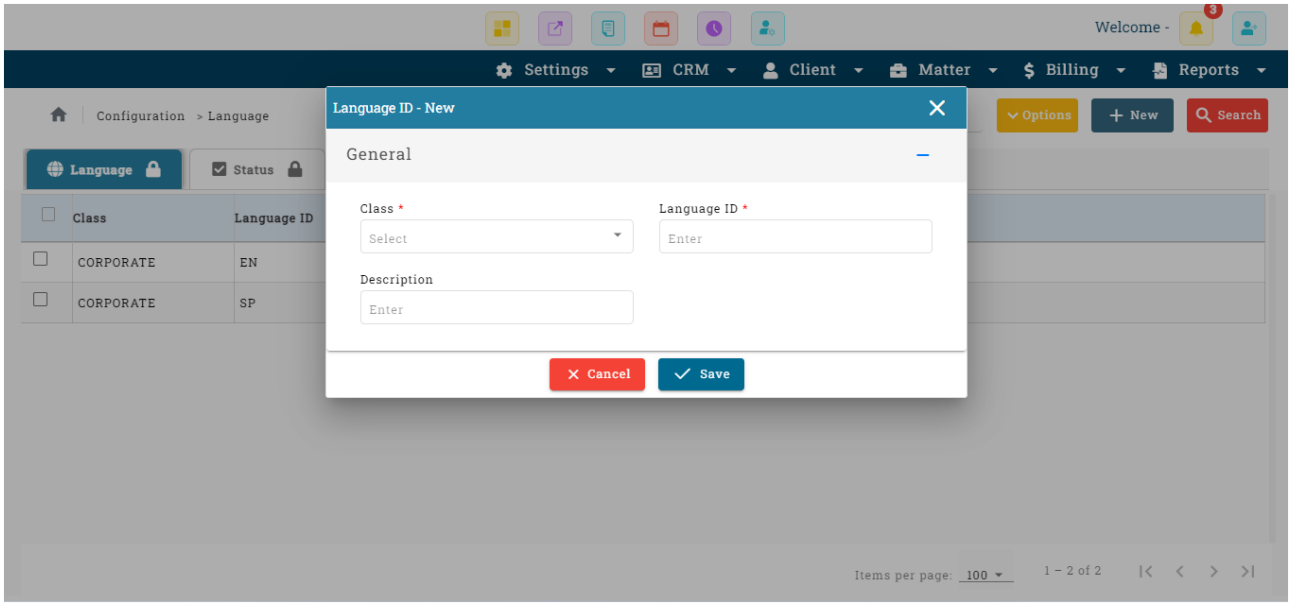
Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]

1.1.1 Create Language ID

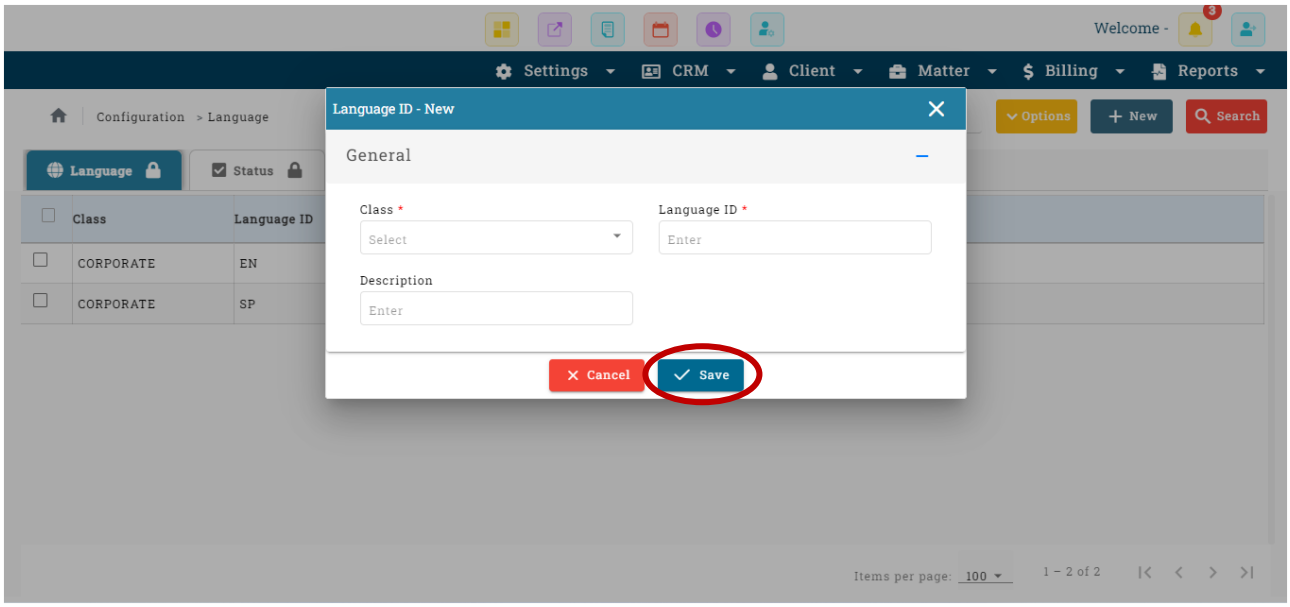


To create a new Language ID, click on 'New' button as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]



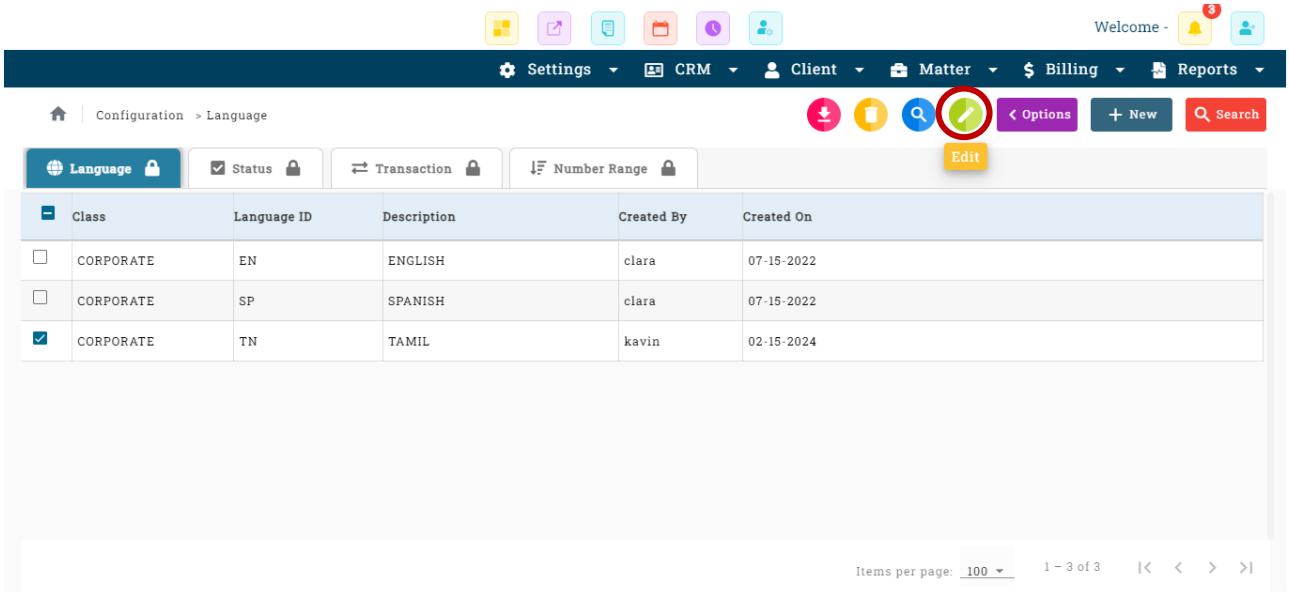
Enter the required details and click on 'Save' button as shown in the above figure.

On-save Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [POST]

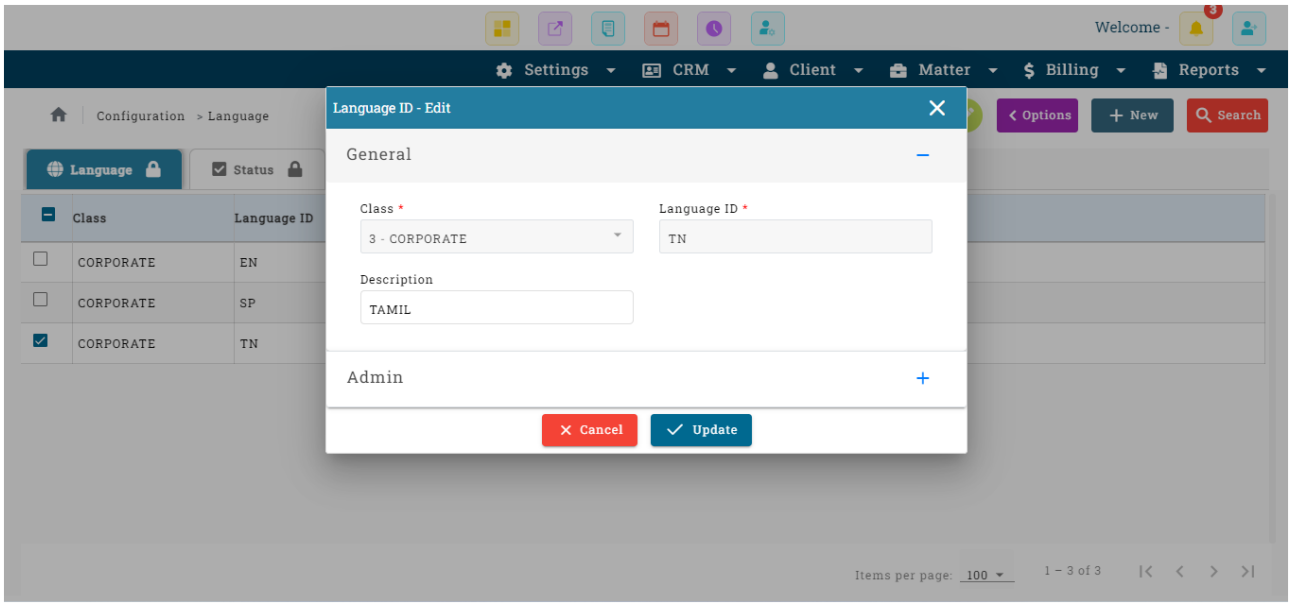
Body:


```
{
  "classId": 3,
  "createdBy": "admin",
  "Language IDDescription": "TAMIL",
  "Language IDId": "TN",
  "updatedBy": "admin",
  "deletionIndicator": 0
}
```

1.1.2 Edit Language ID

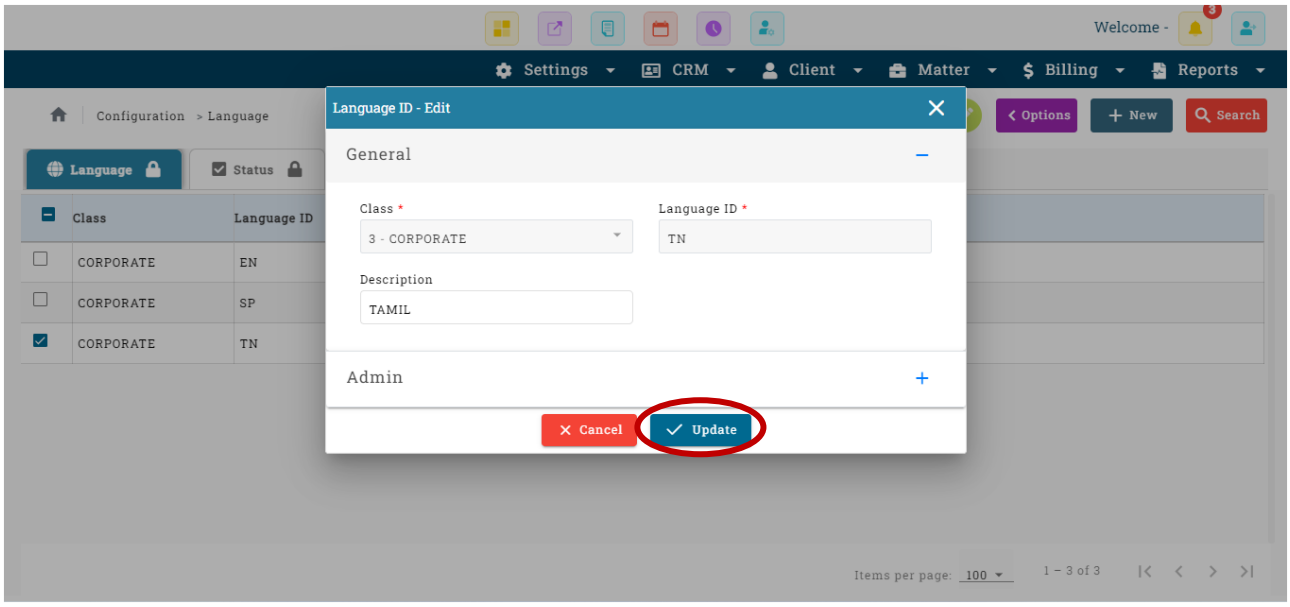


To edit a Language ID, select the essential record and click on 'Edit' button in the 'Options' menu as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID/TN [GET]



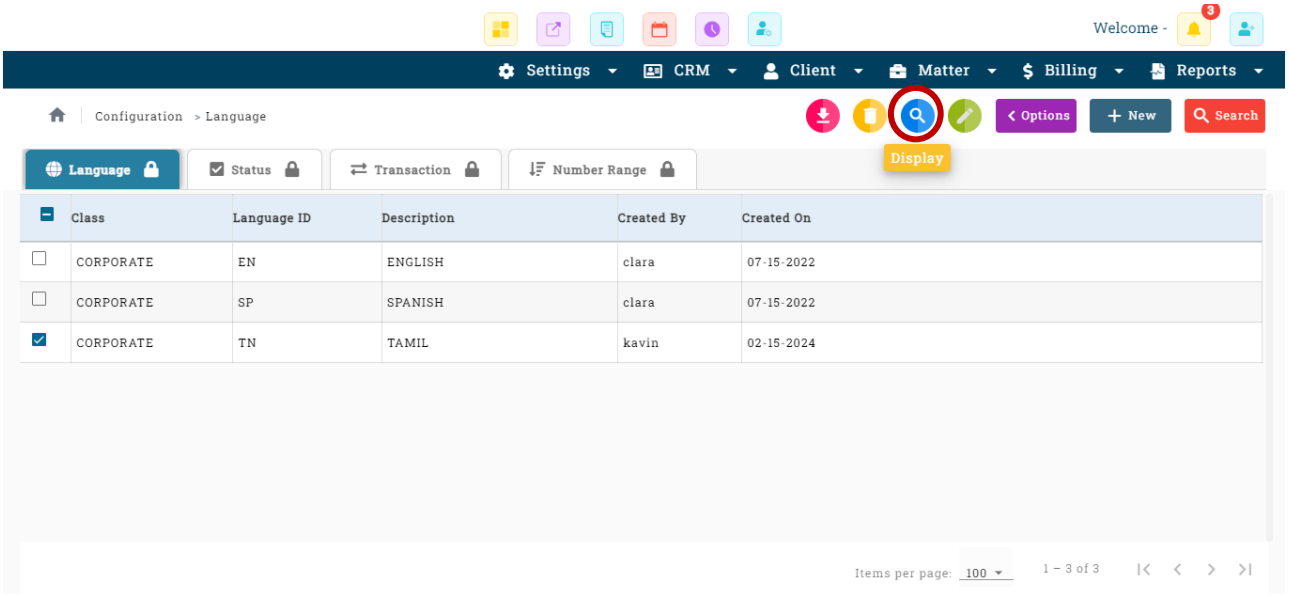
Update the required details and click on 'Update' button as shown in the figure.

On-change Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [PATCH]

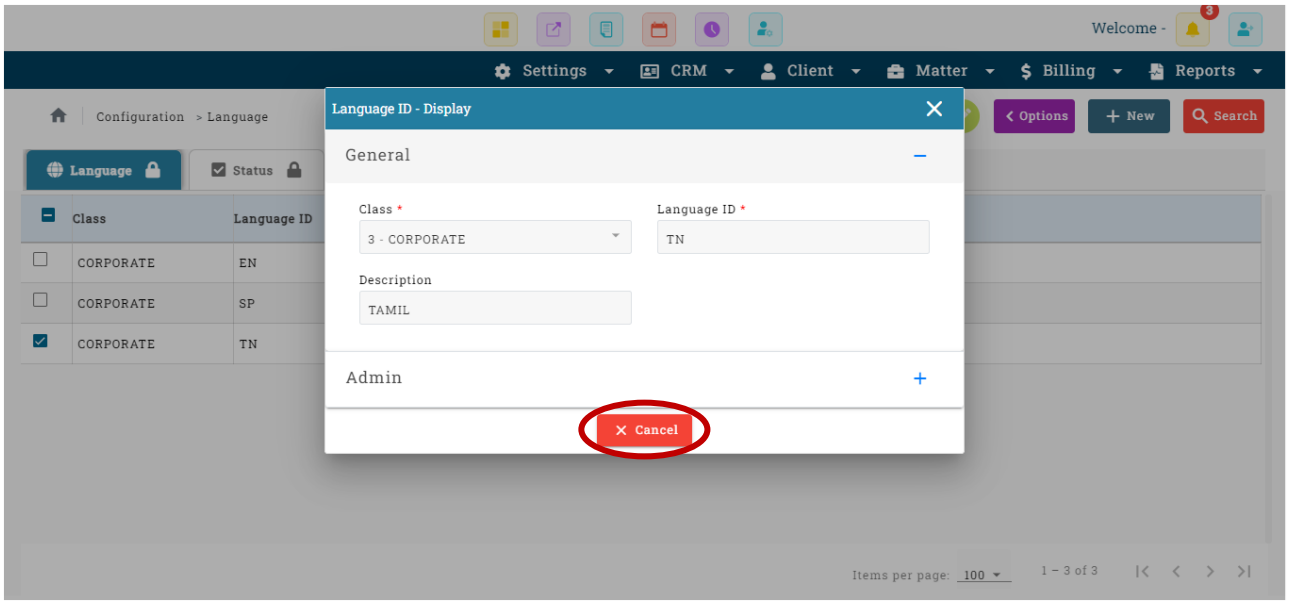
Parameter: Language IDId
Body:


```
{
  "classId": 3,
  "createdBy": "admin",
  "Language IDDescription": "TAMIL",
  "Language IDId": "TN",
  "updatedBy": "admin",
  "deletionIndicator": 0
}
```

1.1.3 View Language ID



To view a Language ID, select the essential record and click on 'Display' button in the 'Options' menu as shown in the above figure.

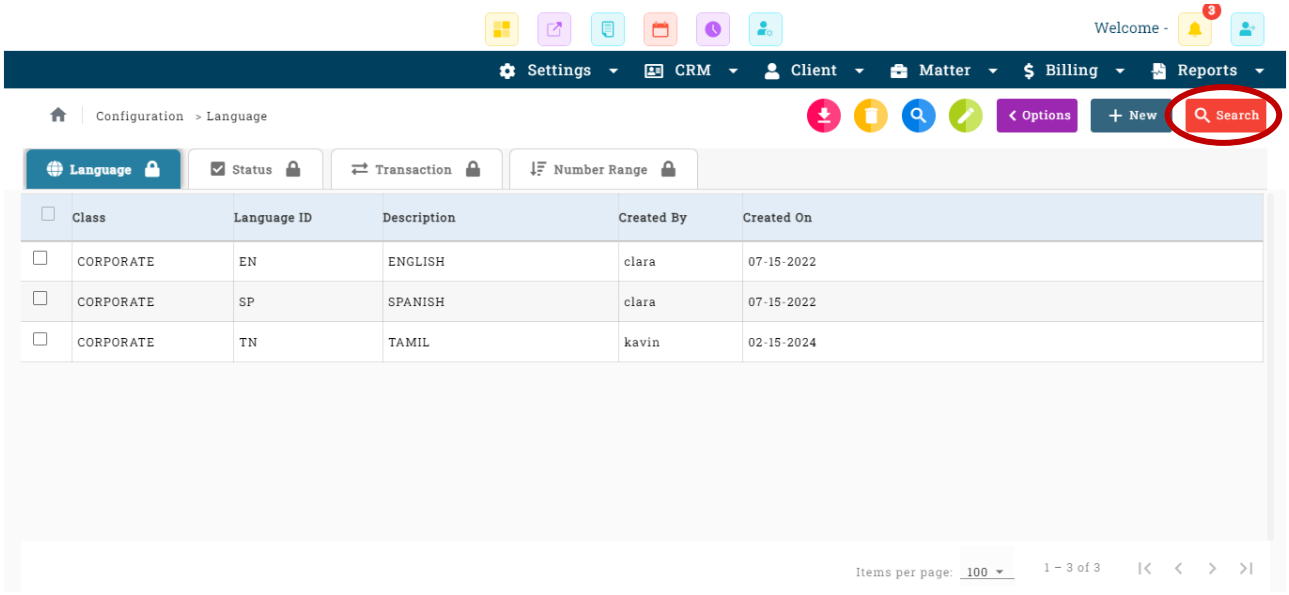


Api call:

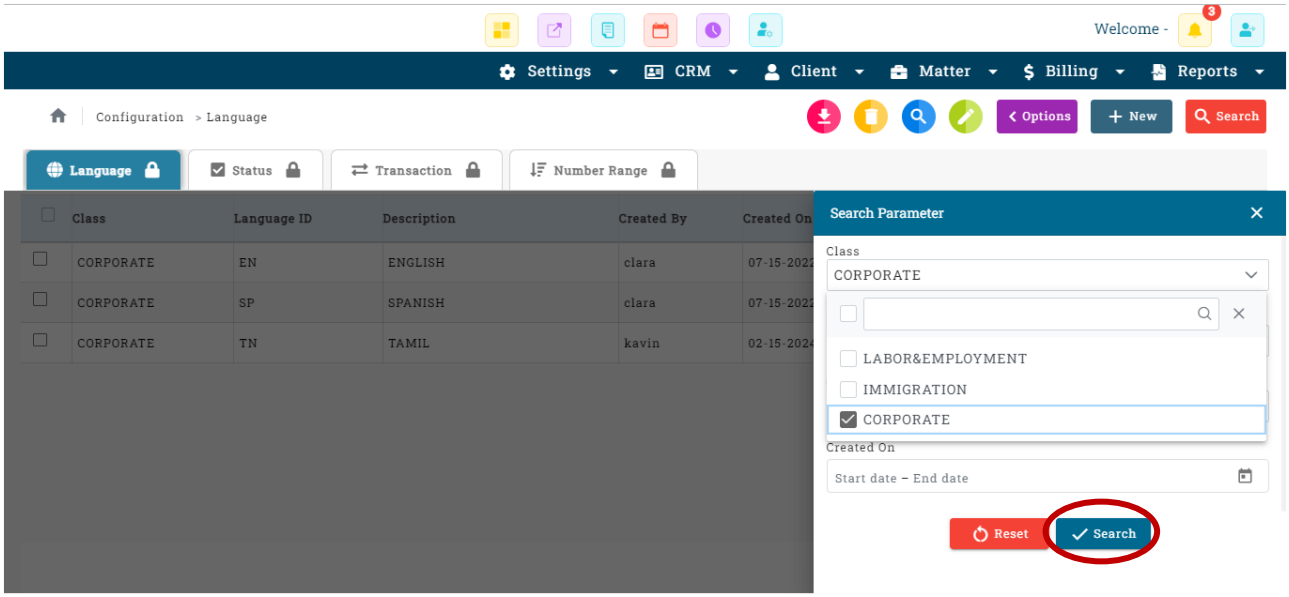
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID/TN [GET]

After a glance at the selected record, click on 'Cancel' button as shown in the above figure.

1.1.4 Search Language ID

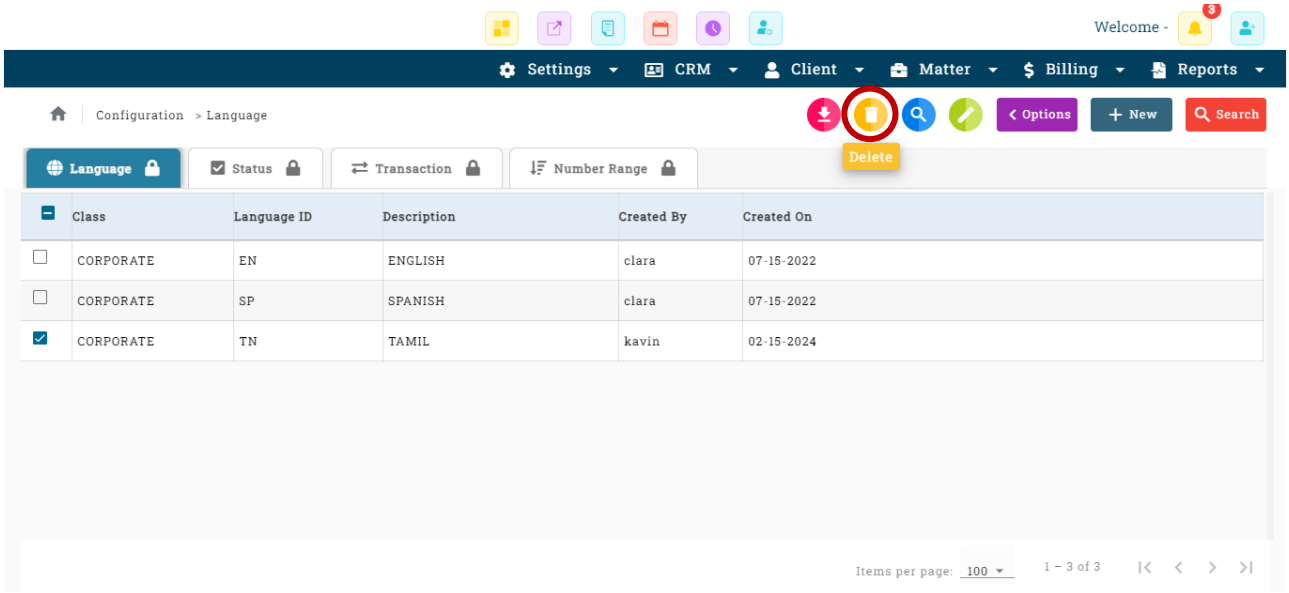


To find any certain record, click on the 'Search' button as shown in the above figure.

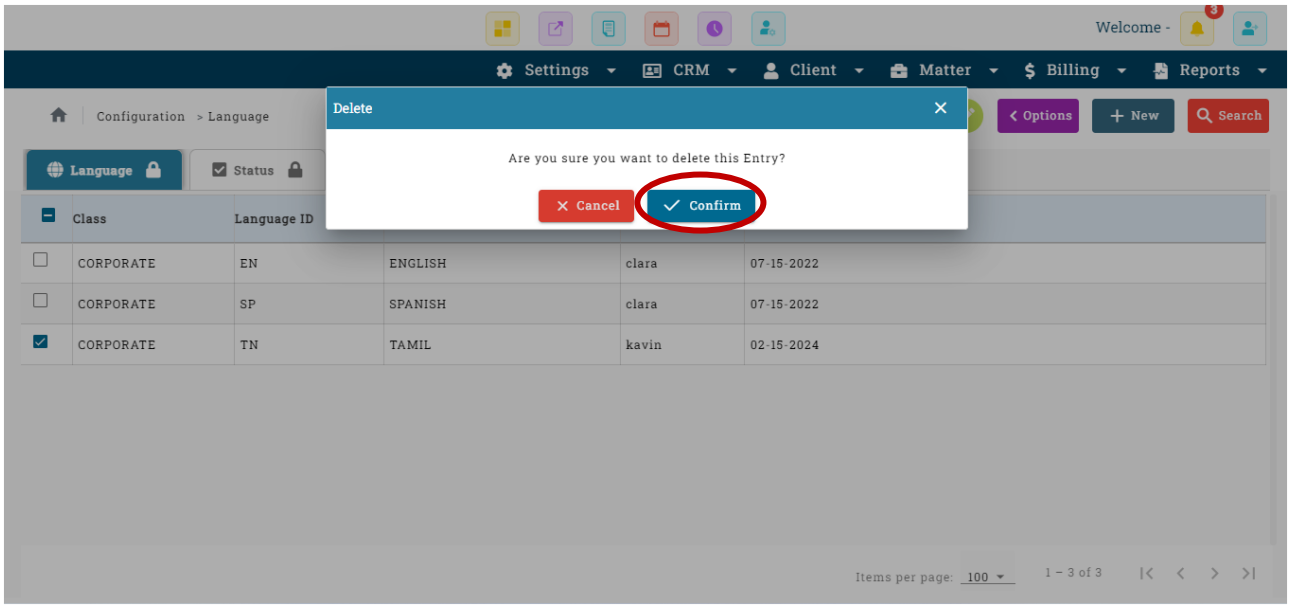


Select the required parameters and click on 'Search' button as shown in the above figure.

1.1.5 Delete Language ID



To delete a Language ID, select the essential record and click on 'Delete' in the 'Options' menu as shown in the above figure.



Here click on 'Confirm' button to delete the selected record as shown in the above figure.

Api call:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID/TN [DELETE]

1.2 Status ID

Functional Specification

1. Search

Click ID Master - StatusID button from the Menu. This will take to StatusID screen's list page.

Fetch all the data of below table fields from StatusID table for ISDELETED value = 0 and display in the list page.

List

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	List Field
Language ID	LANG_ID	List Field
TransactionID	TRANS_ID	List Field
StatusID	STATUS_ID	List Field
Status	STATUS_TEXT	List Field
Created By	CTD_BY	List Field
Created On	CTD_ON	List Field

List page can be filtered based on search parameters entered in below search fields.

Search

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	Search
TransactionID	TRANS_ID	Search
StatusID	STATUS_ID	Search
Status	STATUS_TEXT	Search
Created By	CTD_BY	Search
Created On From	CTD_ON	search field
Created On To	CTD_ON	search field

Note: Search field values can be multiple.

On clicking Search, Pass the search field values Fetch the records from StatusID table for ISDELETED value=0 and display in the list page.

2. Create

Selcetion screen Entries

UI Labels	Table Name	Table Fields	Logic	Field Type	Field Condition
Class ID	STATUSID	CLASS_ID	Fetch CLASS_ID and CLASS values from CLASS table and display in dropdown	Dropdown field (Single Select)	Mandatory
TransactionID	STATUSID	TRANS_ID	Pass CLASS_ID in TRANSACTIONID table and fetch TRANS_ID values and display in dropdown	Dropdown field (Single Select)	Mandatory
StatusID	STATUSID	STATUS_ID		Entry Field	Mandatory
Status	STATUSID	STATUS_TEXT		Entry Field	Optional
Language ID	STATUSID	LANG_ID	Pass logged in USR_ID in USERPROFILE table and fetch corresponding LANG_ID and Autopopulate	Autopopulate	Mandatory

Click Save.

Insert Table
Fetch the above values from selection screen and insert into StatusID table along with below values
CTD_BY - logged in USR_ID
CTD_ON - Server time
ISDELETED = 0

DB Validations
Validate data types
LANG_ID/CLASSS_ID/TRANS_ID/STATUS_ID - Not Null and Primary Keys
Validate LANG_ID/CLASSS_ID/TRANS_ID/STATUS_ID values in the table StatusID for the duplicate records before insertion.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
New record	0025	EN	S	StatusID created successfully
Record already exists	0026	EN	E	StatusID already exists

3. Update

Select a row from the list page and click Edit icon, pass the selected STATUS_ID field in STATUSID table and fetch below fields.

UI Labels	**Table Fields**	**Remarks**
Class ID	CLASS_ID	Editable
TransactionID	TRANS_ID	Editable
Status_ID	STATUS_ID	Non Editable
Language ID	LANG_ID	Editable
Status	STATUS_TEXT	Editable

Click Update after making changes in the editable fields.

Update table
Fetch the above values from selection screen and update into StatusID table along with below fields
UTD_BY - logged in USR_ID
UTD_ON -Server Time
DB Validations
Validate data types
LANG_ID/CLASSS_ID/TRANS_ID/STATUS_ID - Not Null and Primary Keys.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0027	EN	S	StatusID updated successfully

4. Delete

Select the record in the selection screen and click delete.

Validation
Pass CLASS_ID/TRANS_ID/STATUS_ID field in MONGO DB and validate if there are additional records other than the selected record.

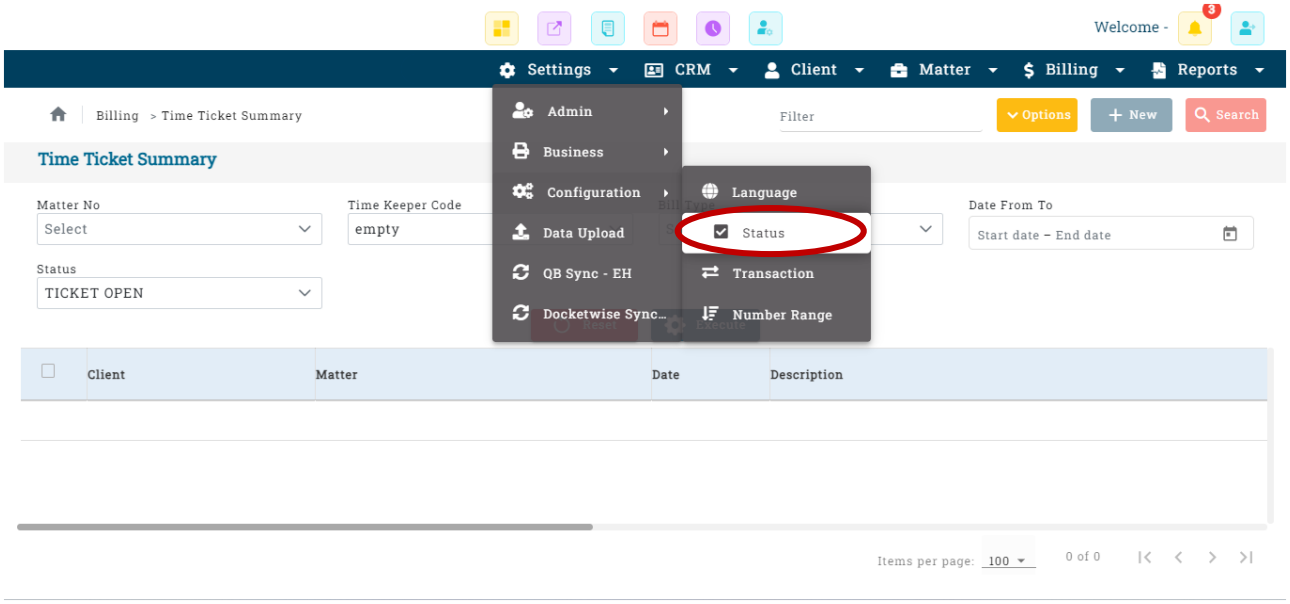
If NO
Pass the selected CLASS_ID/TRANS_ID/STATUS_ID values in STATUSID table and update IS_DELETED field value from 0 to 1.

If Yes
Validate, REF_FIELD_10 value is flagged in the searched record.
1. If the value is Flagged -pass the selected CLASS_ID/TRANS_ID/STATUS_ID values in STATUSID table and update IS_DELETED field value from 0 to 1
2. If the Value is not Flagged - Fetch the TRANS_ID for the validated records. Pass TRANS_ID in TRANSACTIONID table and fetch TRANS_TEXT.
Display the Error Message - "Selected record Can't be deleted as there are Open entries exist" along with TRANS_TEXT, Document Number.

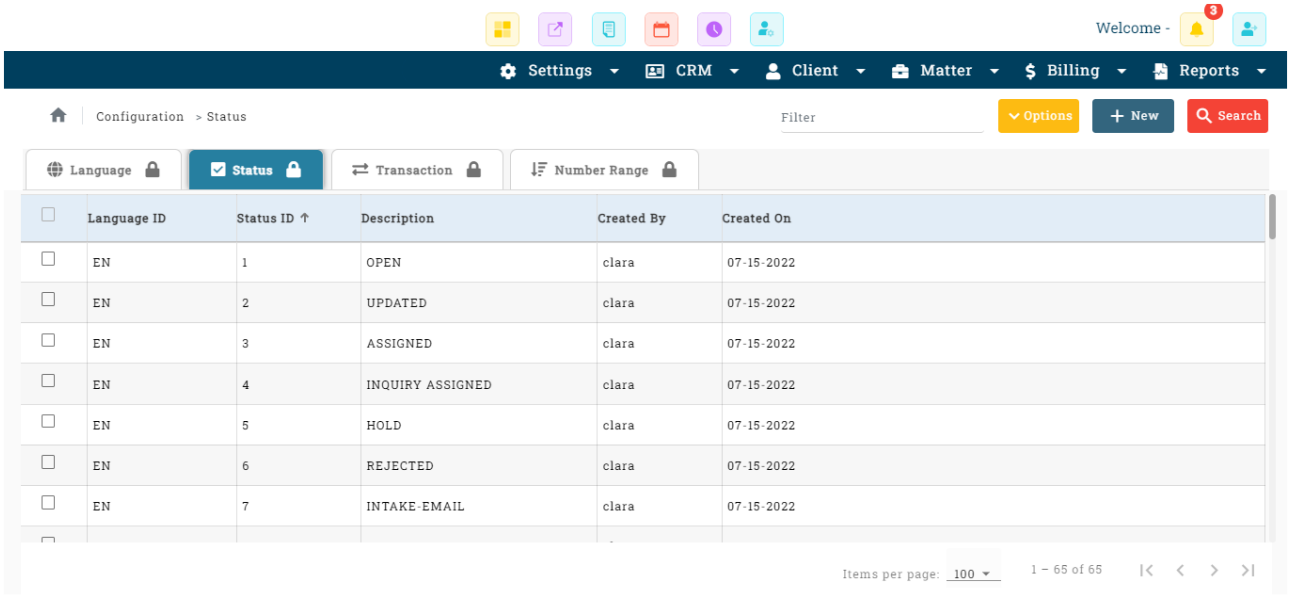
Messages

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0028	EN	S	StatusID deleted successfully

Technical Specification



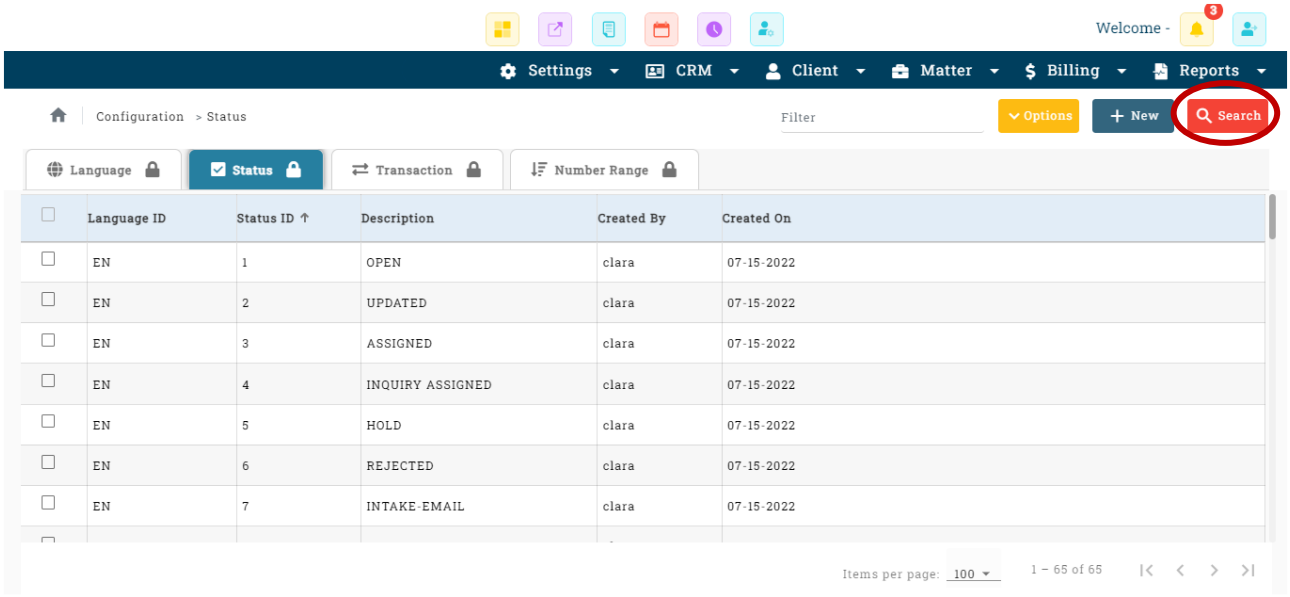
To view the Status list, click on ‘Status’ button in the 'Configuration' menu as shown in the above figure.



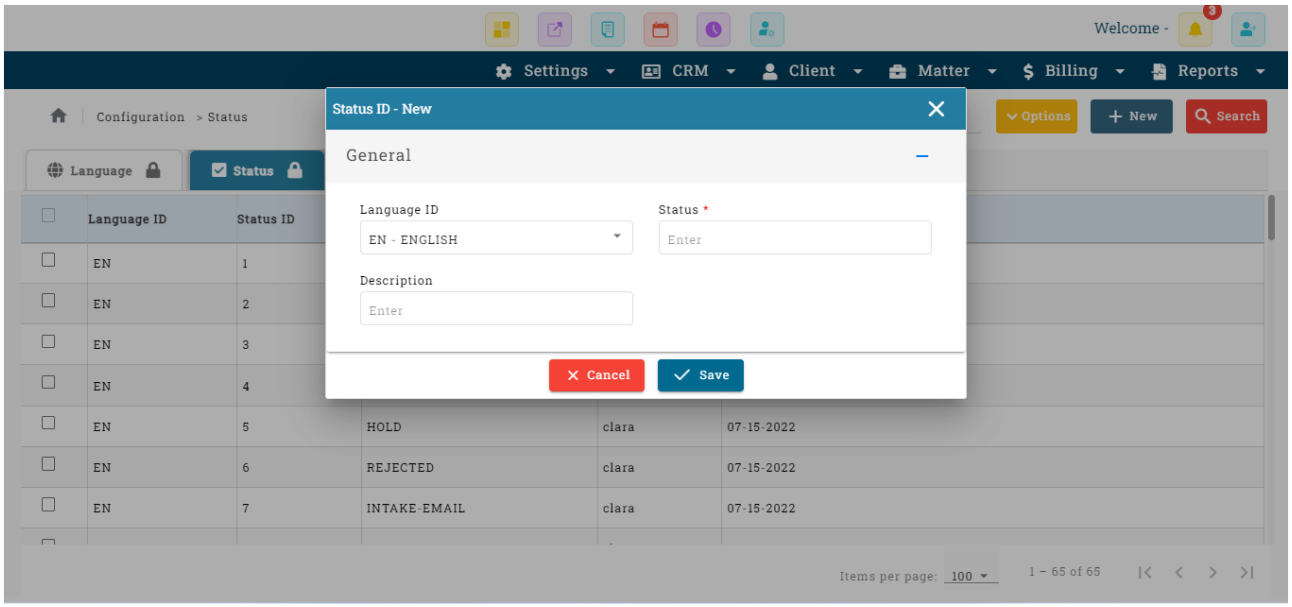
Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status [GET]

1.2.1 Create Status ID

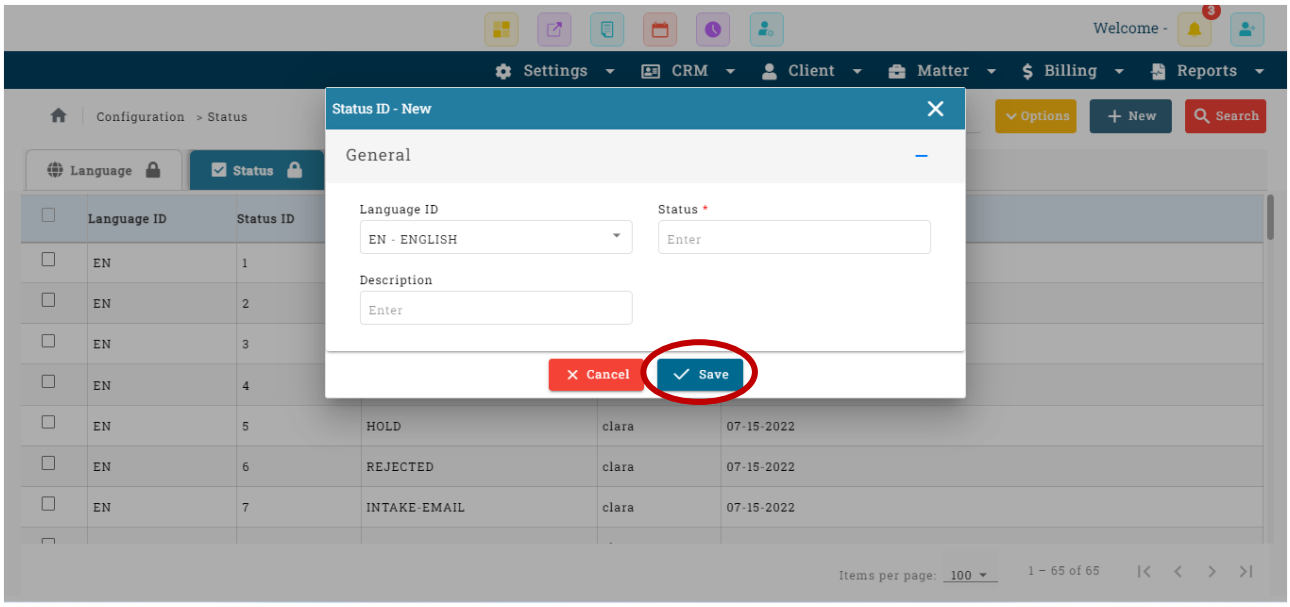


To create a new Status ID, click on 'New' button as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [GET]



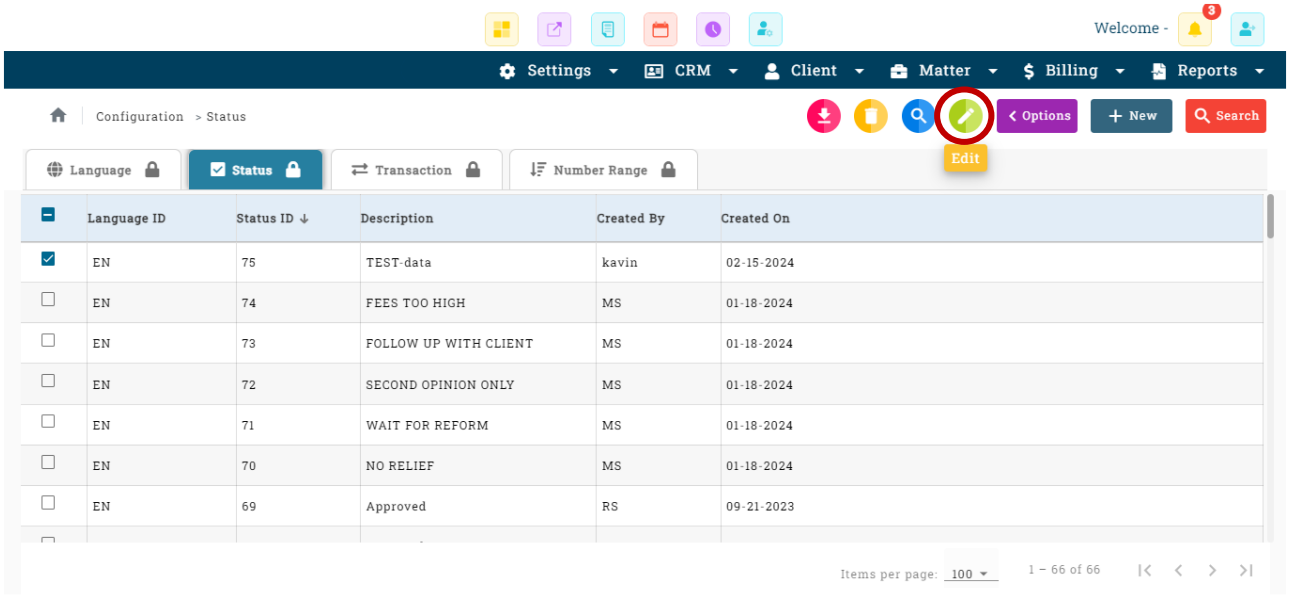
Enter the required details and click on 'Save' button as shown in the above figure.

On-save Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status [POST]

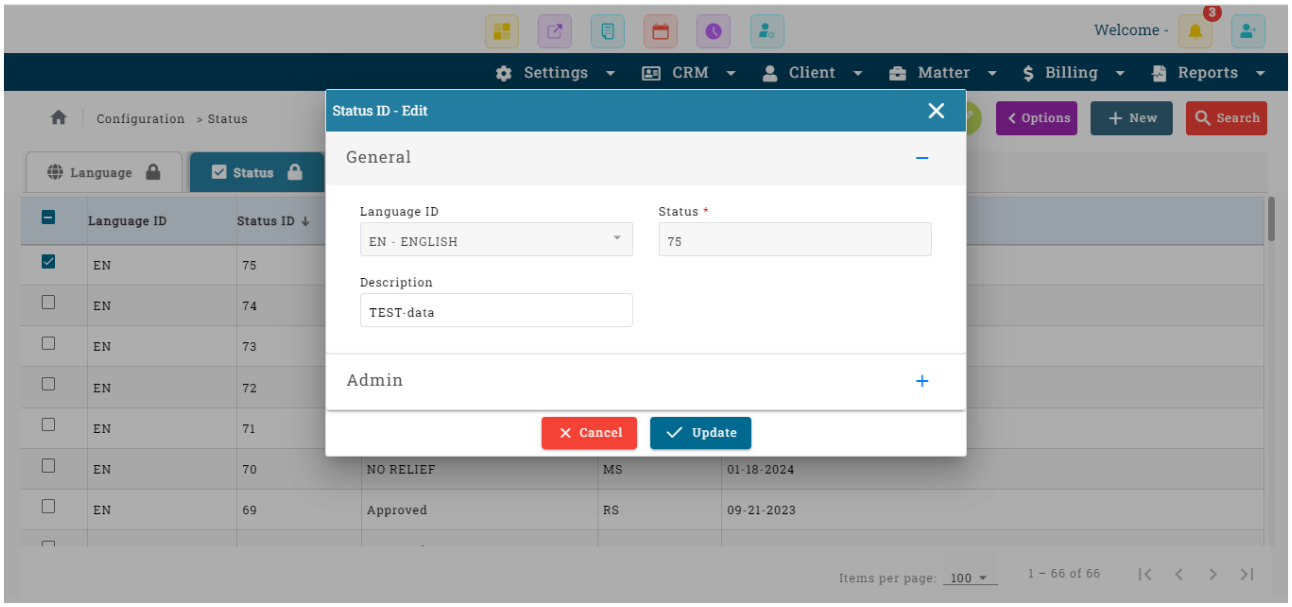
Body:


```
{
   "createdBy": "admin",
   "Language IDId": "EN",
   "statusDescription": null,
   "statusId": "75",
   "status": "TEST-data",
   "updatedBy": "admin",
   "deletionIndicator": 0
}
```

1.2.2 Edit Status ID

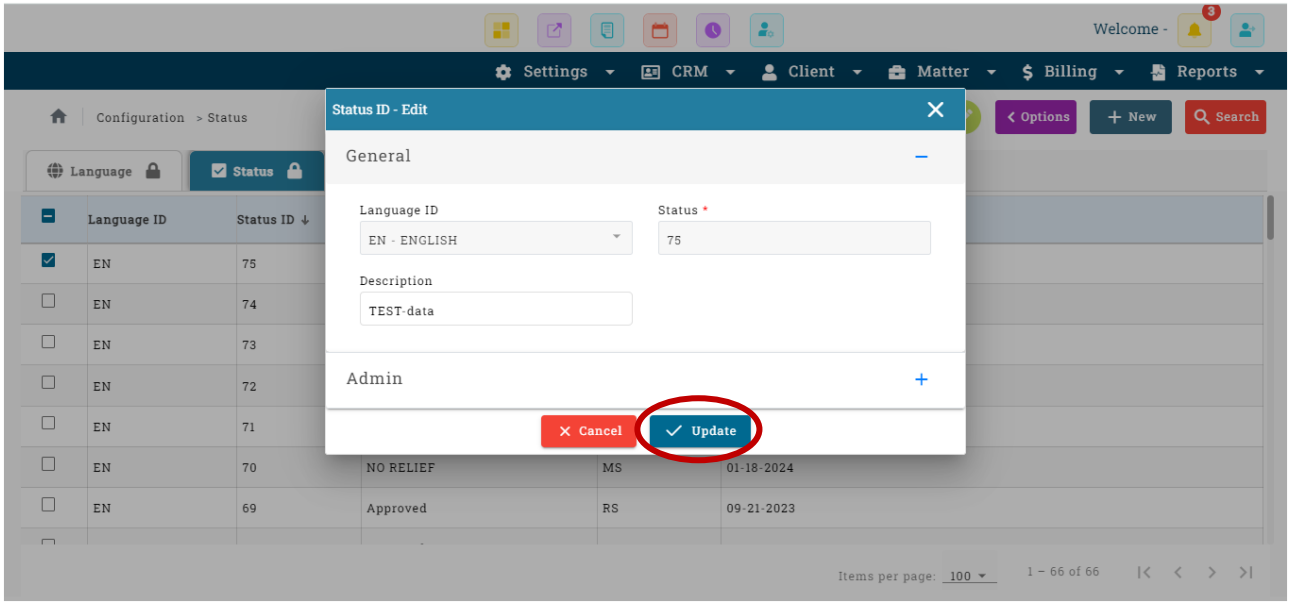


To edit a Status ID, select the essential record and click on 'Edit' button in the 'Options' menu as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status/75 [GET]



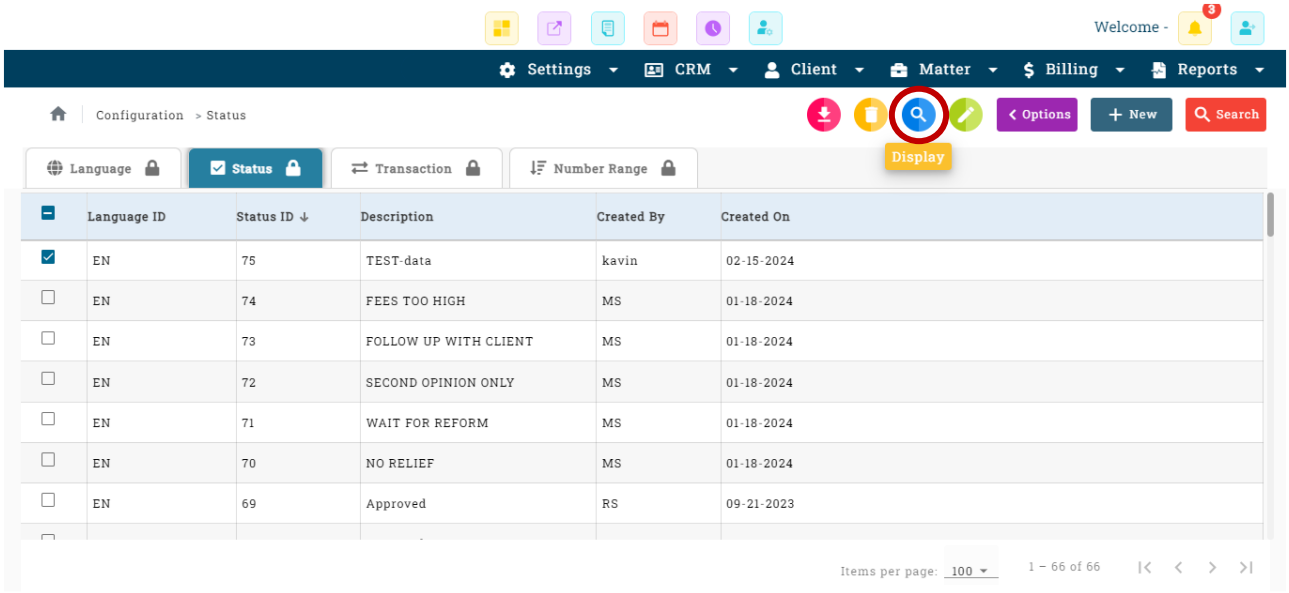
Update the required details and click on 'Update' button as shown in the figure.

On-change Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status [PATCH]

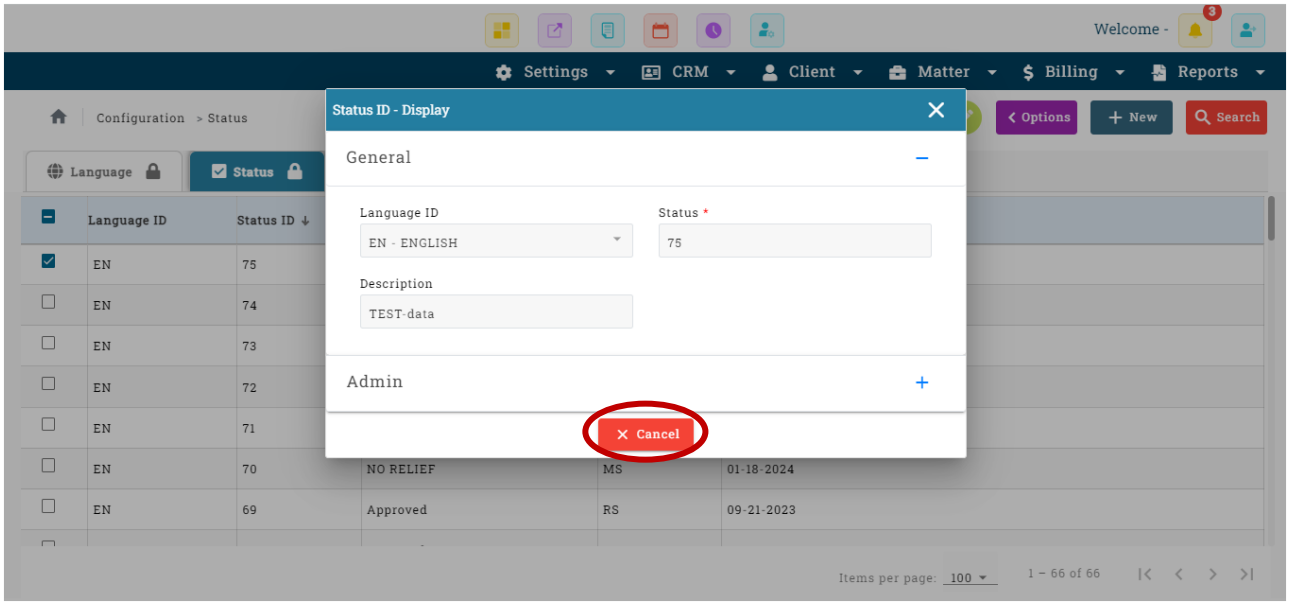
Parameter: statusId
Body:

```
{
  "createdBy": "admin",
  "Language IDId": "EN",
  "statusDescription": null,
  "statusId": 75,
  "status": "TEST-data",
  "updatedBy": "admin",
  "deletionIndicator": 0
}
```

1.2.3 View Status ID



To view a Status ID, select the essential record and click on 'Display' button in the 'Options' menu as shown in the above figure.

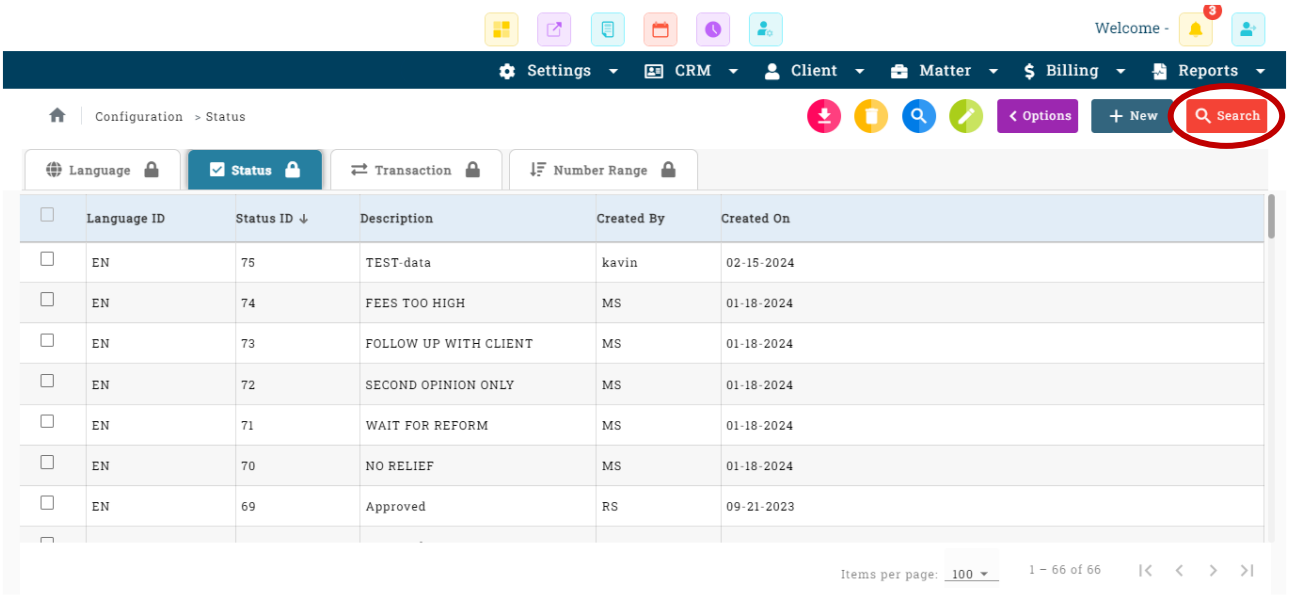


Api call:

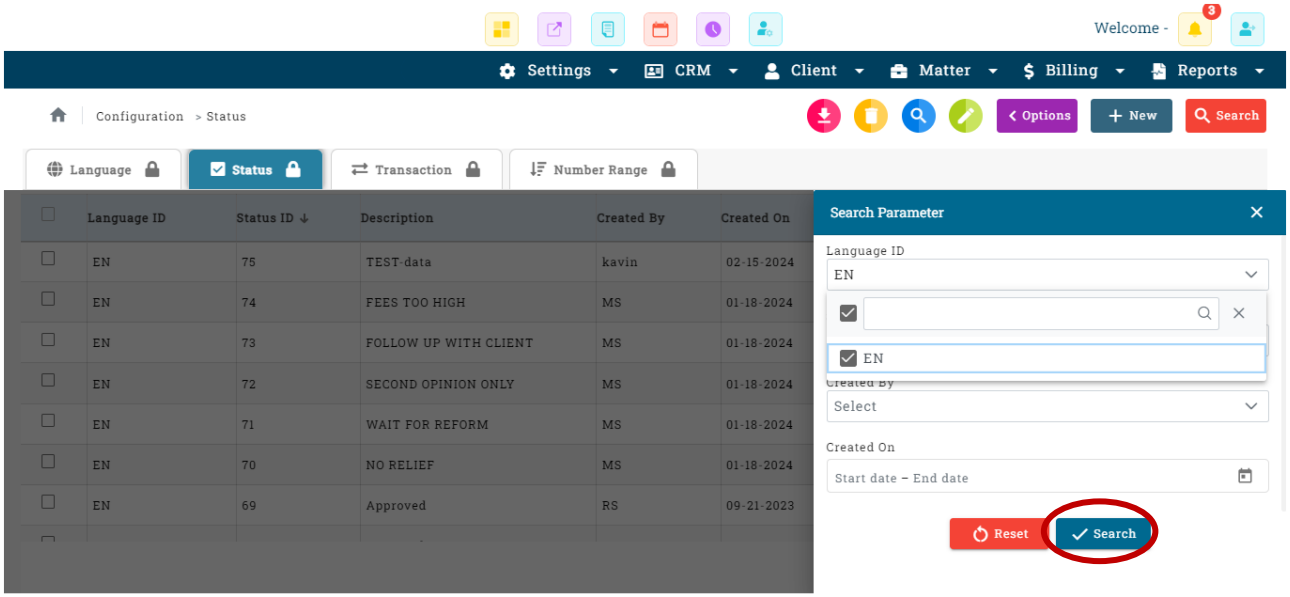
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status/75 [GET]

After a glance at the selected record, click on 'Cancel' button as shown in the above figure.

1.2.4 Search Status ID

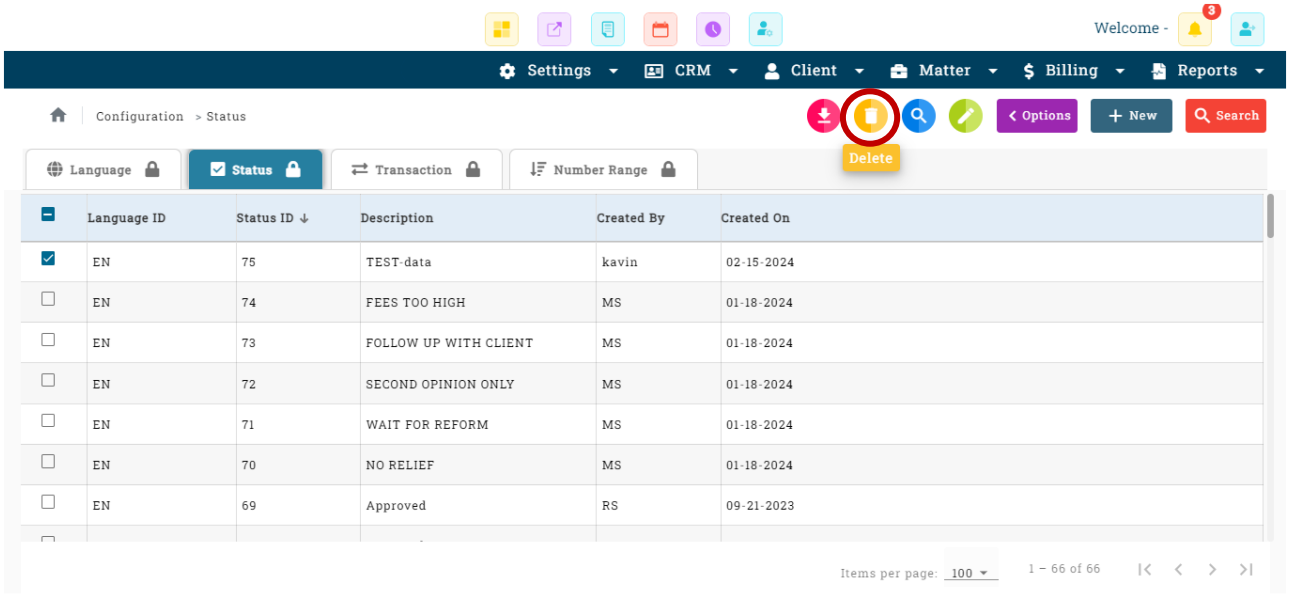


To find any certain record, click on the 'Search' button as shown in the above figure.

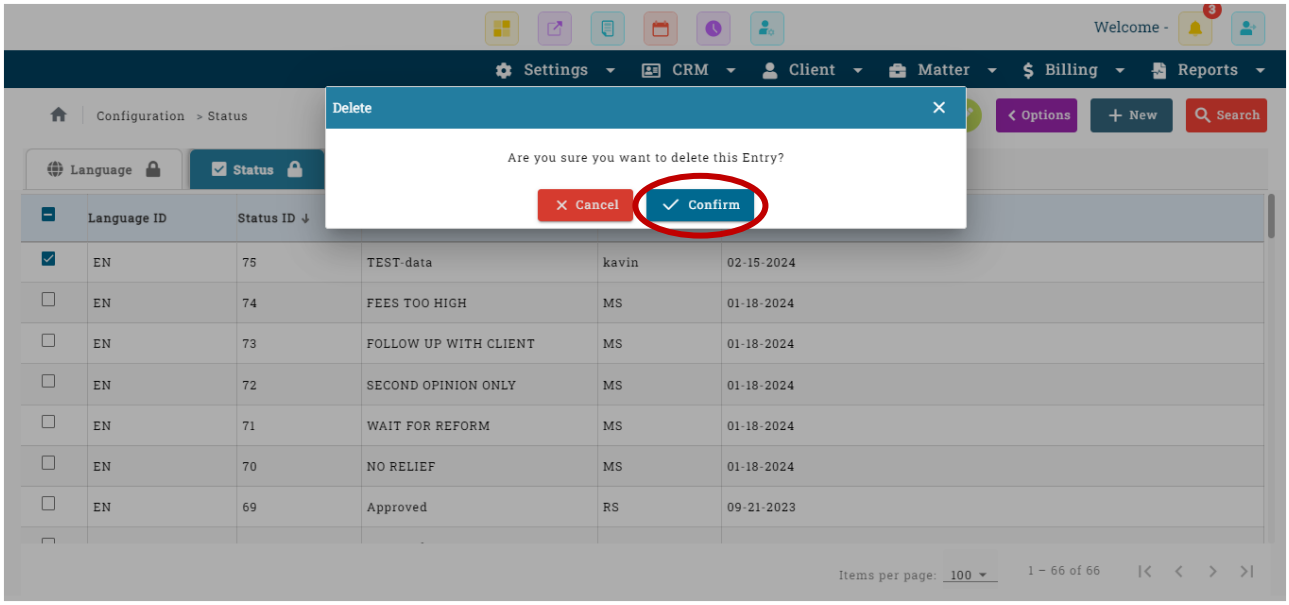


Select the required parameters and click on 'Search' button as shown in the above figure.

1.2.5 Delete Status ID



To delete a Status, select the essential record and click on 'Delete' in the 'Options' menu as shown in the above figure.



Here click on 'Confirm' button to delete the selected record as shown in the above figure.

Api call:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/status/75 [DELETE]

1.3 Transaction ID

Functional Specification

1. Search

Click ID Master - TransactionID button from the Menu. This will take to TransactionID screen's list page
Fetch all the data of below table fields from TransactionID table for ISDELETED value = 0 and display in the list page.

List

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	List Field
Language ID	LANG_ID	List Field
TransactionID	TRANS_ID	List Field
Transaction description	TRANS_TEXT	List Field
Created By	CTD_BY	List Field
Created On	CTD_ON	List Field

List page can be filtered based on search parameters entered in below search fields.

Search

UI Labels	Table Fields	Remarks
Class ID	CLASS_ID	search field
TransactionID	TRANS_ID	search field
Transaction description	TRANS_TEXT	search field
Created By	CTD_BY	search field
Created On From	CTD_ON	search field
Created On To	CTD_ON	search field

Note: Search field values can be multiple.

On clicking Search, Pass the search field values Fetch the records from TransactionID table for ISDELETED value=0 and display in the list page.

2. Create

Selcetion screen Entries

UI Labels	Table Name	Table Fields	Logic	Field Type	Field Condition
Class ID	TransactionID	CLASS_ID	Fetch CLASS_ID and CLASS values from CLASS table and display in dropdown	Dropdown field (Single Select)	Mandatory
TransactionID	TransactionID	TRANS_ID		Entry Field	Mandatory
Language ID	TransactionID	LANG_ID	Pass logged in USR_ID in USERPROFILE table and fetch corresponding LANG_ID and Autopopulate	Autopopulate	Mandatory
Transaction description	TransactionID	TRANS_TEXT		Entry Field	Optional

Click Save.

Insert Table
Fetch the above values from selection screen and insert into TransactionID table along with below values
CTD_BY - logged in USR_ID
CTD_ON - Server time
ISDELETED = 0

DB Validations
Validate data types
LANG_ID/CLASSS_ID/TRANS_ID - Not Null and Primary Keys
Validate LANG_ID/CLASSS_ID/TRANS_ID values in the table TransactionID for the duplicate records before insertion.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
New record	0017	EN	S	TransactionID created successfully
Record already exists	0018	EN	E	TransactionID already exists

3. Update

Select a row from the list page and click Edit icon, pass the selected TRANS_ID field in TRANSACTIONID table and fetch below fields.

UI Labels	**Table Fields**	**Remarks**
Class ID	CLASS_ID	Editable
TransactionID	TRANS_ID	Non Editable
Language ID	LANG_ID	Editable
Transaction type Descritpion	TRANS_TEXT	Editable

Click Update after making changes in the editable fields.

Update table
Fetch the above values from selection screen and update into TransactionID table along with below fields
UTD_BY - logged in USR_ID
UTD_ON -Server Time

DB Validations
Validate data types
LANG_ID/CLASSS_ID/TRANS_ID - Not Null and Primary Keys.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0019	EN	S	TransactionID updated successfully

4. Delete

Select the record in the selection screen and click delete.

Validation
Pass CLASS_ID/TRANS_ID field in MONGO DB and validate if there are additional records other than the selected record.

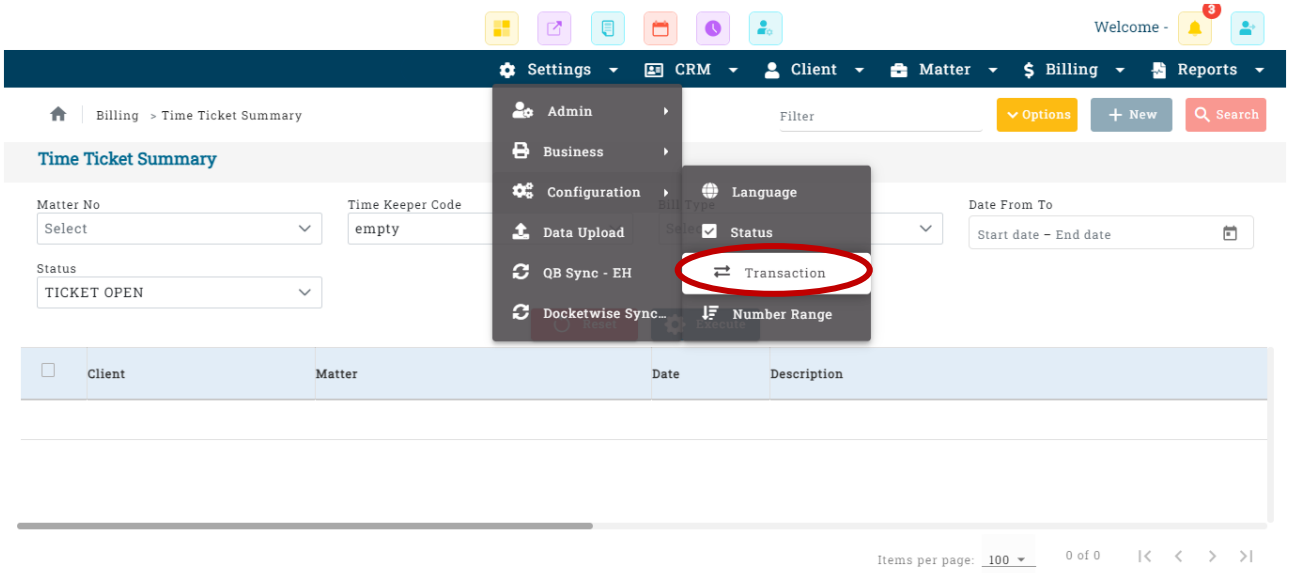
If NO
Pass the selected CLASS_ID/TRANS_ID value in TransactionID table and update ISDELETED field value from 0 to 1.

If Yes
Validate, REF_FIELD_10 value is flagged in the searched record.
1. If the value is Flagged - Pass the selected CLASS_ID/TRANS_ID value in TransactionID table and update ISDELETED field value from 0 to 1
2. If the Value is not Flagged - Fetch the TRANS_ID for the validated records. Pass TRANS_ID in TRANSACTIONID table and fetch TRANS_TEXT.
Display the Error Message - "Selected record Can't be deleted as there are Open entries exists" along with TRANS_TEXT, Document Number.

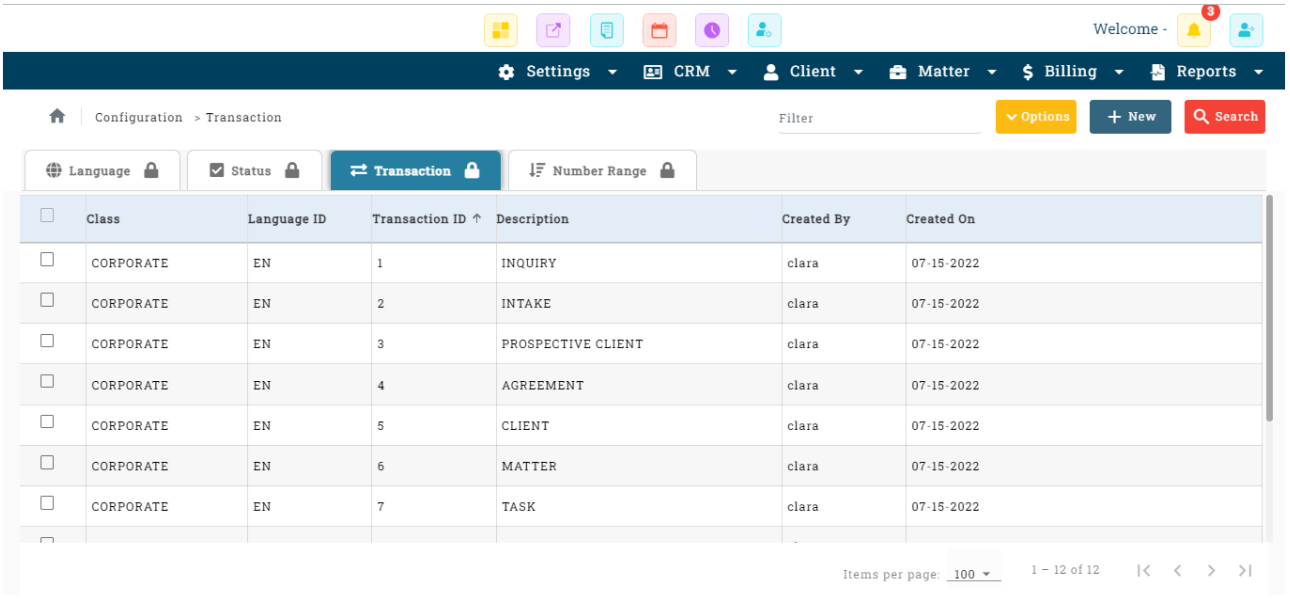
Messages

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0020	EN	S	TransactionID deleted successfully

Technical Specification



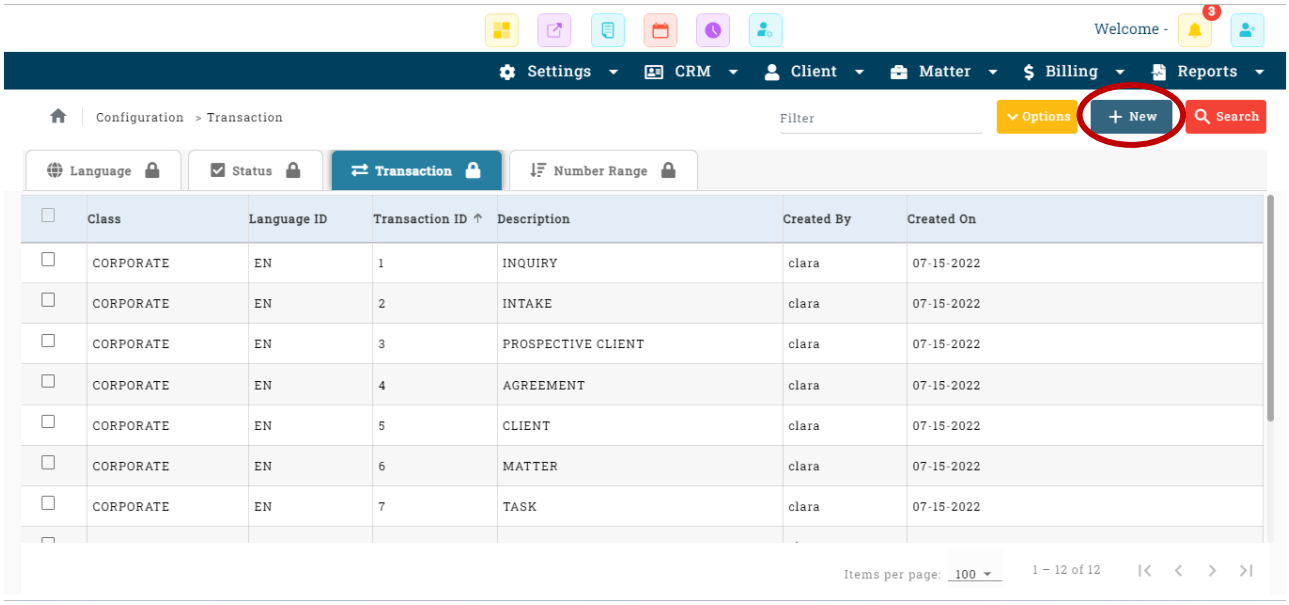
To view the Transaction ID list, click on ‘Transaction’ button in the 'Configuration' menu as shown in the above figure.



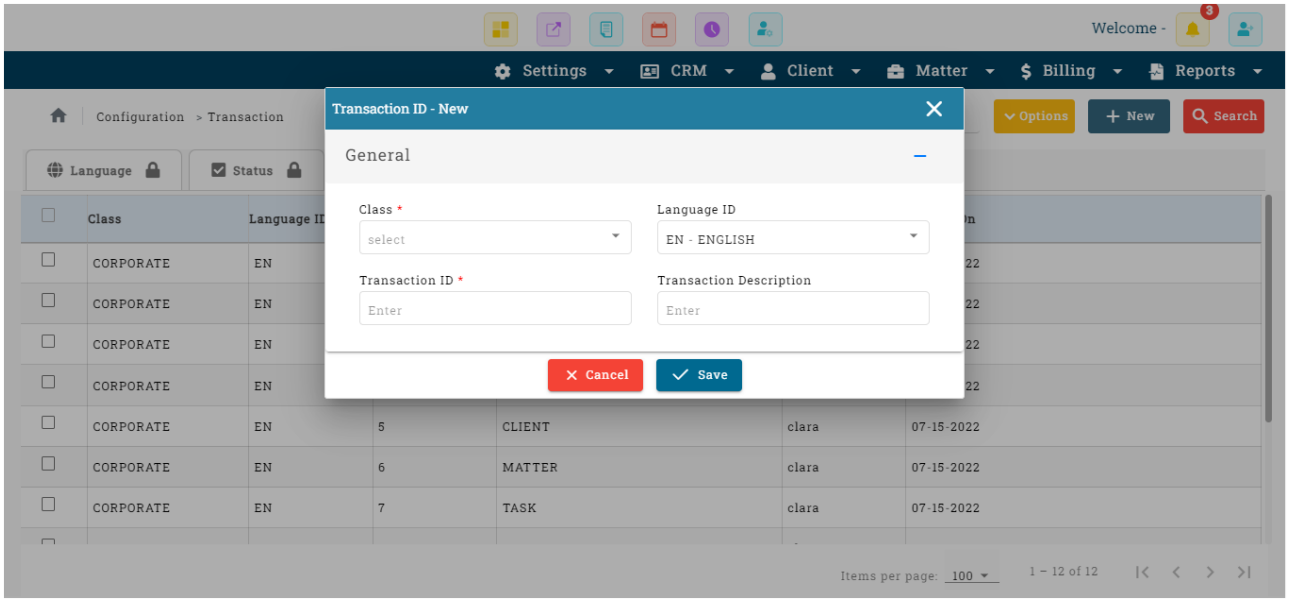
Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [GET]

1.3.1 Create Transaction ID

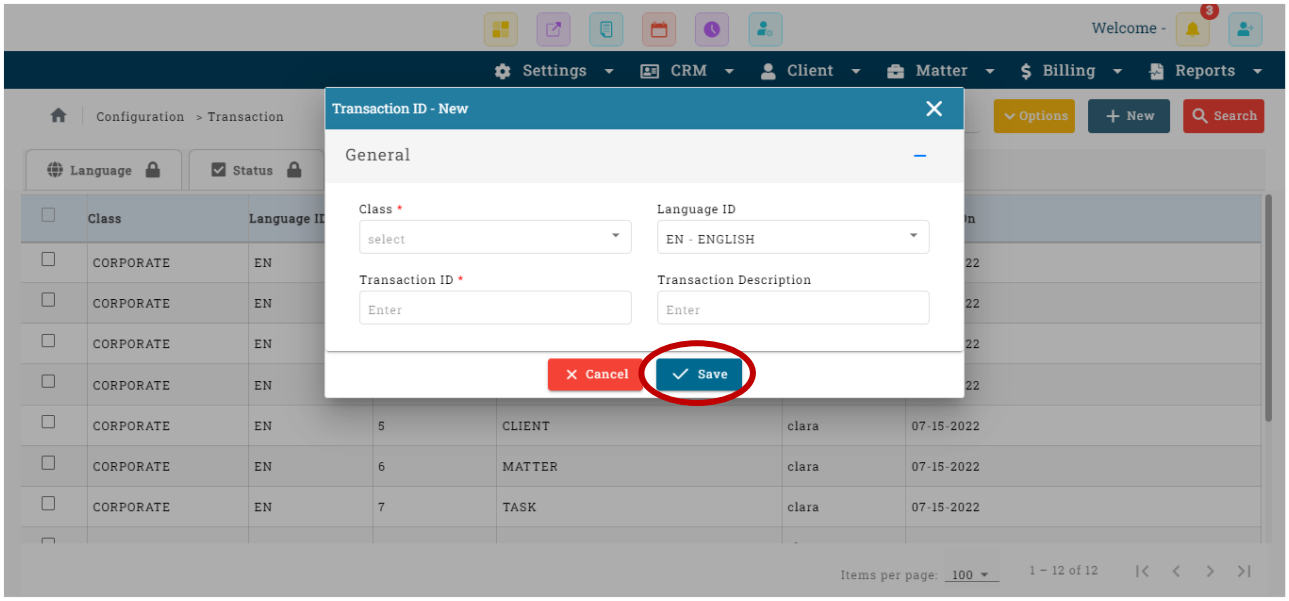


To create a new Transaction ID, click on 'New' button as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]



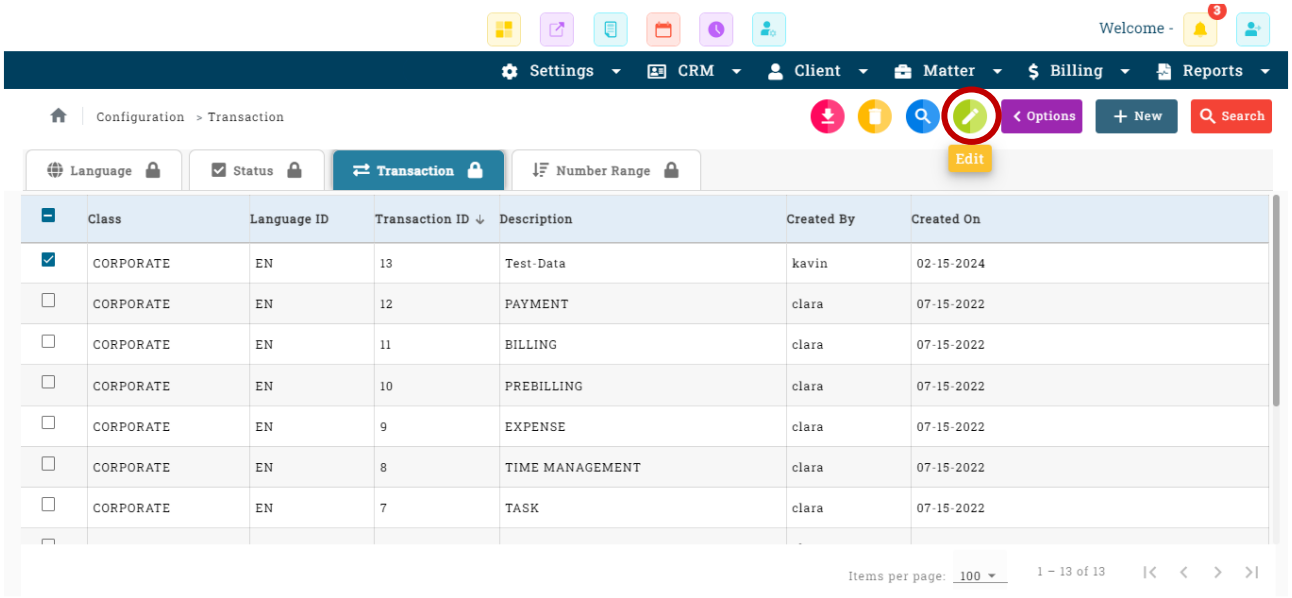
Enter the required details and click on 'Save' button as shown in the above figure.

On-save Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [POST]

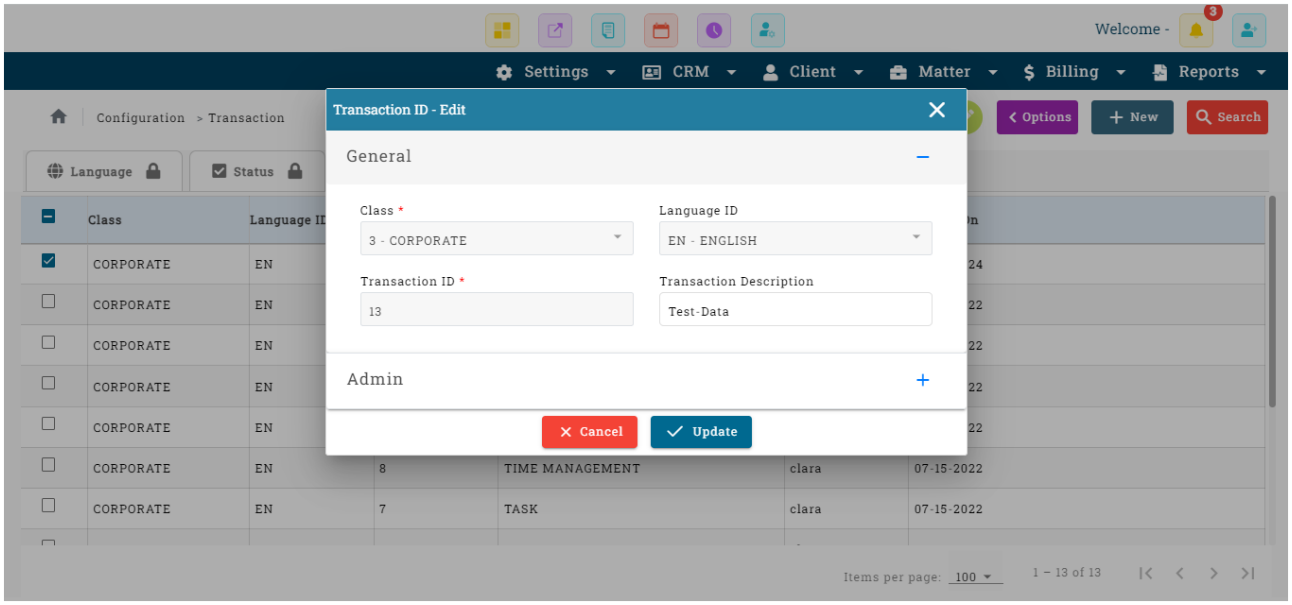
Body:


```
{
   "classId": 3,
   "transactionDescription": "Test-Data",
   "transactionId": "13",
   "Language IDId": "EN",
   "createdBy": "admin",
   "updatedBy": "admin",
   "deletionIndicator": 0
}
```

1.3.2 Edit Transaction ID

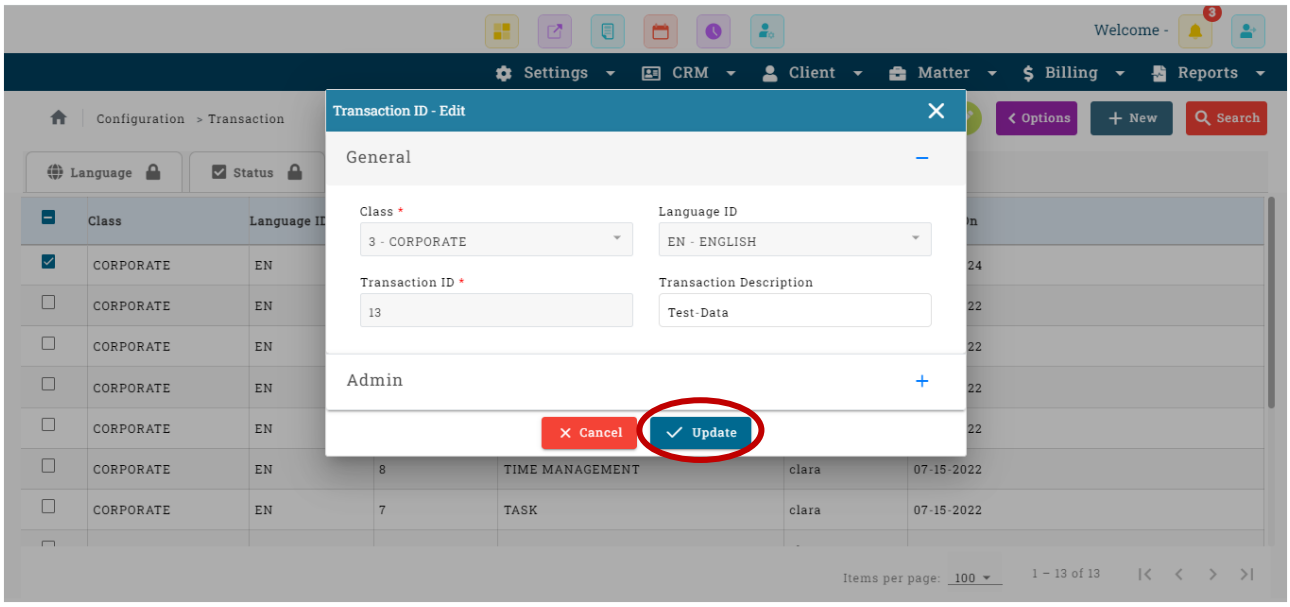


To edit a Transaction ID, select the essential record and click on 'Edit' button in the 'Options' menu as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction/13 [GET]



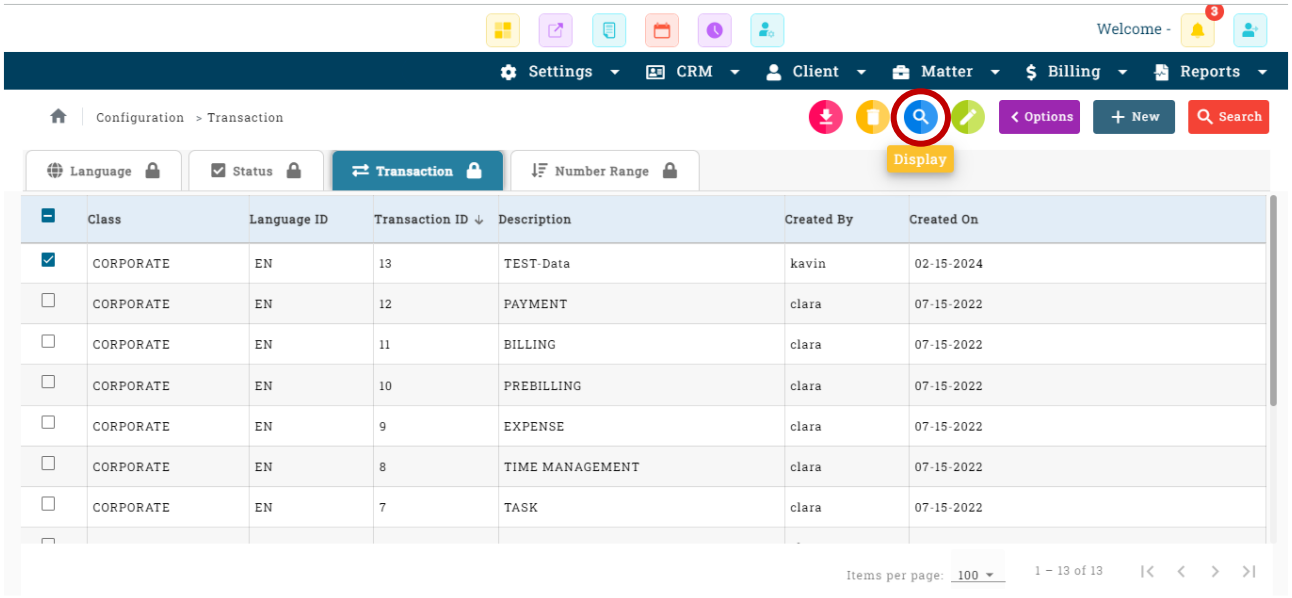
Update the required details and click on 'Update' button as shown in the figure.

On-change Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction [PATCH]

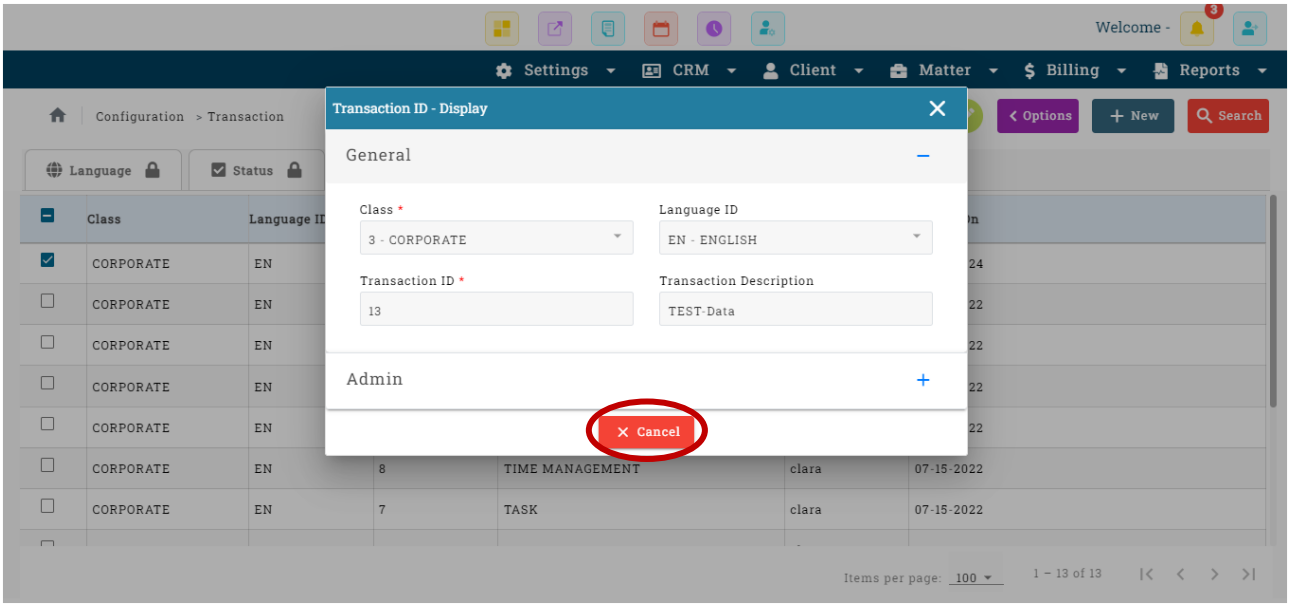
Parameter: transactionId
Body:

```
{
  "classId": 3,
  "transactionDescription": "TEST-Data",
  "transactionId": 13,
  "Language IDId": "EN",
  "createdBy": "admin",
  "updatedBy": "admin",
  "deletionIndicator": 0
}
```

1.3.3 View Transaction ID



To view a Transaction ID, select the essential record and click on 'Display' button in the 'Options' menu as shown in the above figure.

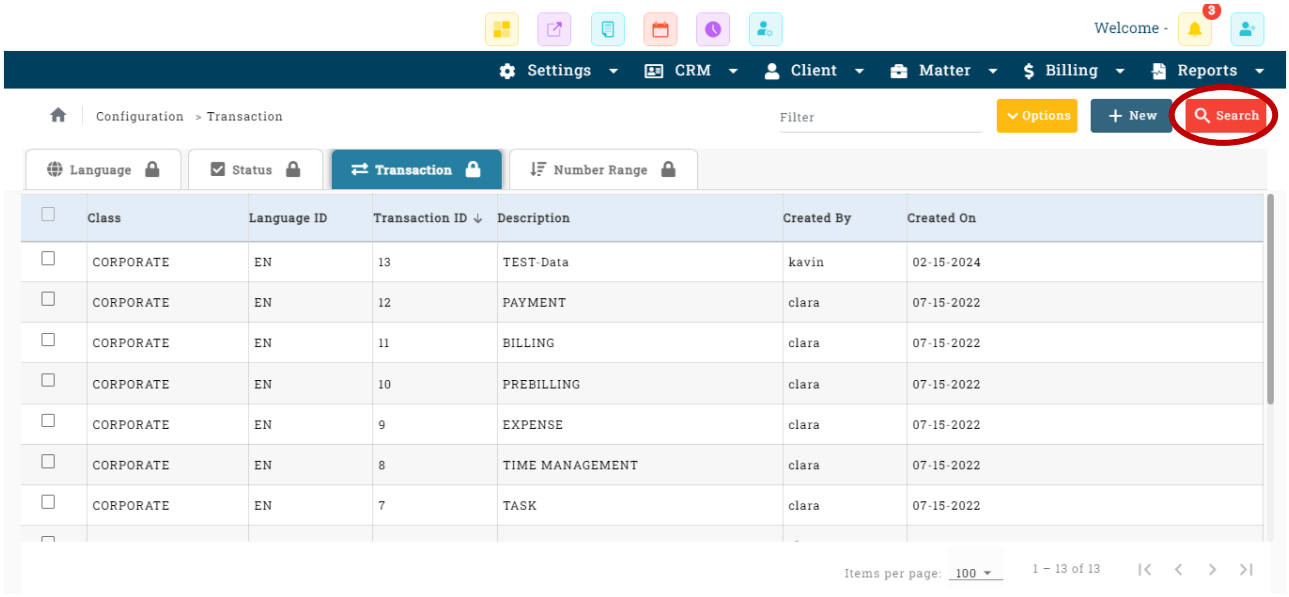


Api call:

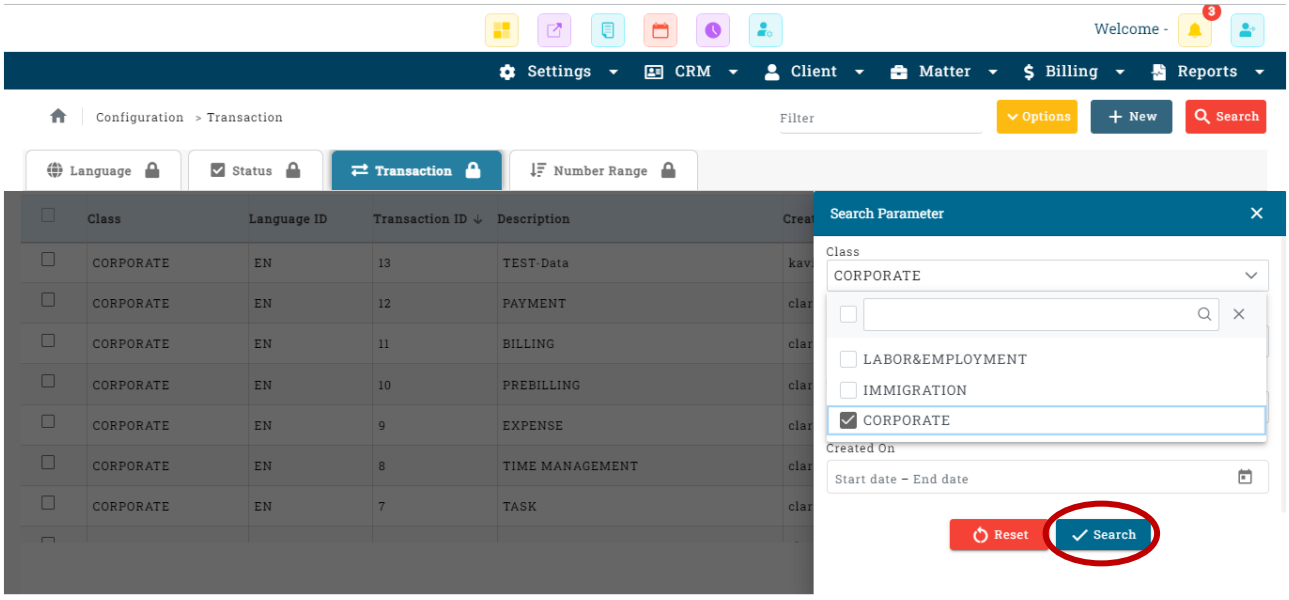
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/Language ID [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction/13 [GET]

After a glance at the selected record, click on 'Cancel' button as shown in the above figure.

1.3.4 Search Transaction ID

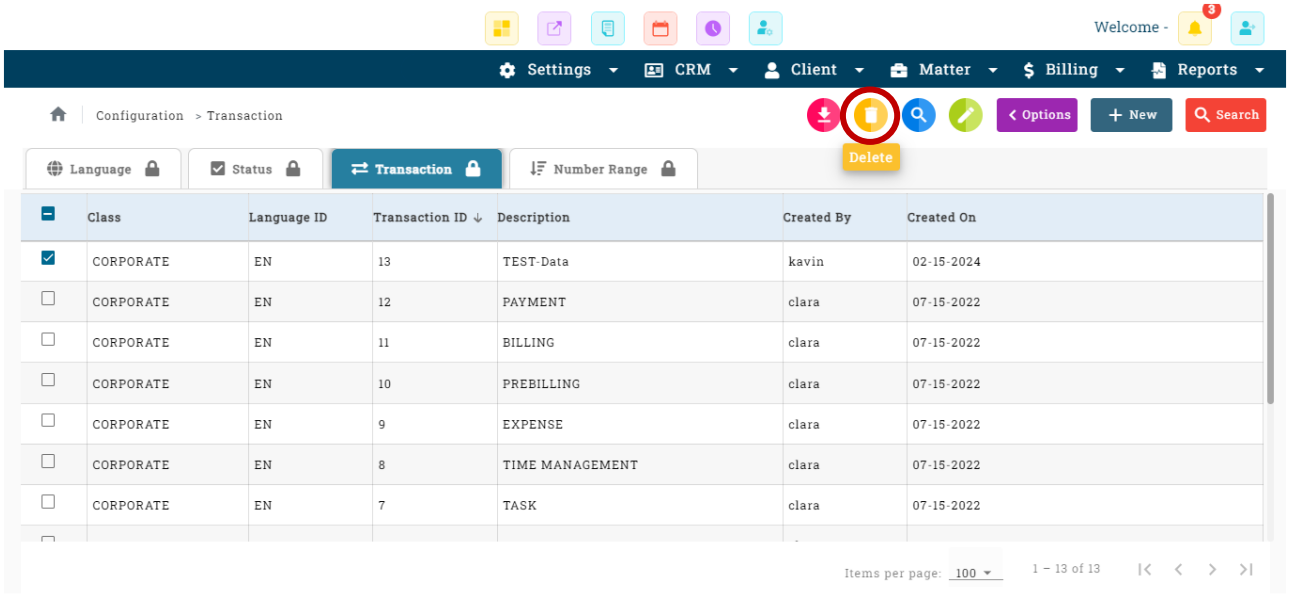


To find any certain record, click on the 'Search' button as shown in the above figure.

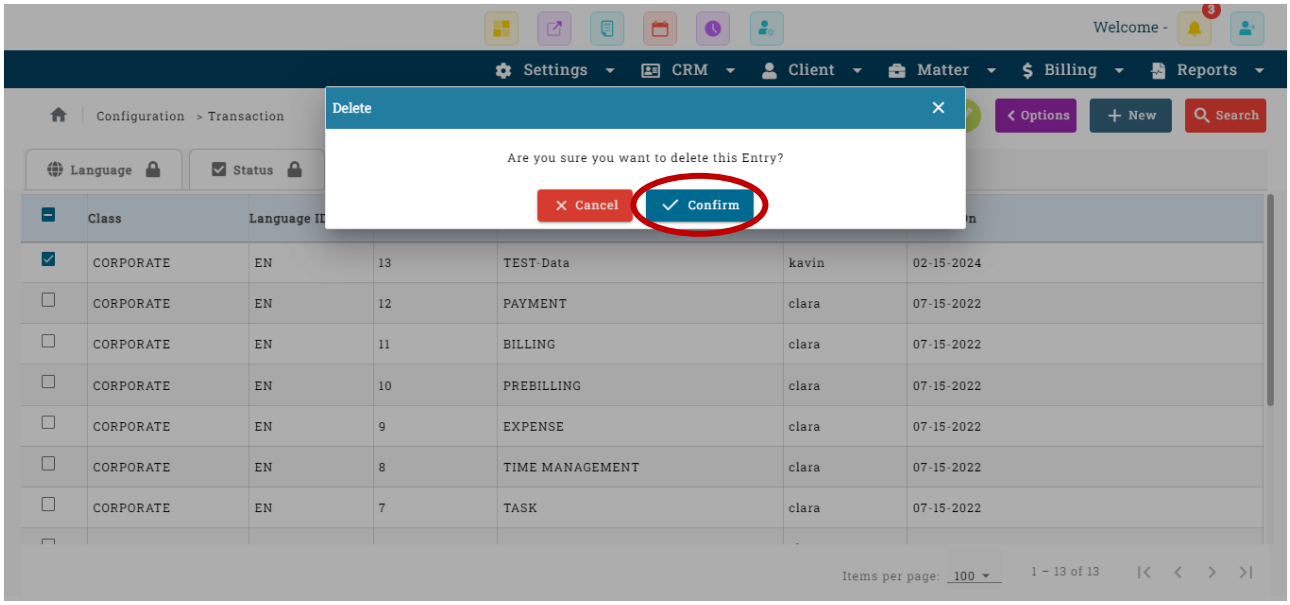


Select the required parameters and click on 'Search' button as shown in the above figure.

1.3.5 Delete Transaction ID



To delete a Transaction ID, select the essential record and click on 'Delete' in the 'Options' menu as shown in the above figure.



Here click on 'Confirm' button to delete the selected record as shown in the above figure.

Api call:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/transaction/13 [DELETE]

1.4 Number Range

Functional Specification

1. Search

Click Setup -NUMBERRANGE button from the Menu. This will take to NUMBERRANGE screen's list page.

Fetch all the data of below table fields from NUMBERRANGE table for ISDELETED value = 0 and display in the list page.

List

UI Labels	Table Fields	Remarks
Class	CLASS_ID/CLASS	List Field
Number Range Code	NUM_RAN_CODE	List Field
Number Range Object	NUM_RAN_OBJ	List Field
Number Range From	NUM_RAN_FROM	List Field
Number Range To	NUM_RAN_TO	List Field
Current Number Range	NUM_RAN_CURRENT	List Field
Status	NUM_RAN_STATUS	List Field
Created By	CTD_BY	List Field
Created On	CTD_ON	List Field

List page can be filtered based on search parameters entered in below search fields.

Search

UI Labels	Table Fields	Remarks
Class	CLASS_ID/CLASS	Search Field
Number Range Code	NUM_RAN_CODE	Search Field
Number Range Object	NUM_RAN_OBJ	Search Field
Status	NUM_RAN_STATUS	Search Field
Created By	CTD_BY	Search Field
Created On From	CTD_ON	Search Field
Created On To	CTD_ON	Search Field

Note: Search field values can be multiple.

On clicking Search, Pass the search field values Fetch the records from NUMBERRANGE table for ISDELETED value=0 and display in the list page.

2. Create

Click Add New from the list page and this will all to add a new entry from the list page with below fields.

UI Labels	Table Name	Table Fields	Logic	Field Type	Field Condition	Remarks
Class	NUMBERRANGE	CLASS_ID	Fetch CLASS_ID and CLASS values from CLASS table and display in dropdown	Dropdown field (Single Select)	Mandatory	
Number Range Code	NUMBERRANGE	NUM_RAN_CODE		Entry Field	Mandatory	
Number Range Object	NUMBERRANGE	NUM_RAN_OBJ		Entry Field	Mandatory	
Number Range From	NUMBERRANGE	NUM_RAN_FROM		Entry Field	Mandatory	
Number Range To	NUMBERRANGE	NUM_RAN_TO		Entry Field	Mandatory	
Current Number Range	NUMBERRANGE	NUM_RAN_CURRENT		Auto Populate	Mandatory	
	NUMBERRANGE	LANG_ID	Pass logged in USR_ID in USERPROFILE table and fetch corresponding LANG_ID and Autoupdate during Save	Autoupdate during save. No UI field	Mandatory	
Status	NUMBERRANGE	NUM_RAN_STATUS	Hard Coded values (ACTIVE/INACTIVE), Fill Default value as ACTIVE with Modify option	Dropdown/ Auto Populate	Mandatory	1. If the Status is selected as INACTIVE, Flag the field "REF_FIELD_10". 2. If the Status is selected as ACTIVE, remove the flag from field "REF_FIELD_10"

After Entering the values in the screen and on clicking SAVE.
Fetch the above values from the screen and insert into NUMBERRANGE table along with below fields
CTD_BY - logged in USR_ID
CTD_ON - Server time
ISDELETED = 0

DB Validations

Validate data types
CLASS_ID/NUM_RAN_CODE/NUM_RAN_OBJ/LANG_ID - Primary Keys
CLASS_ID/NUM_RAN_CODE/NUM_RAN_OBJ/LANG_ID/NUM_RAN_FROM/NUM_RAN_TO/NUM_RAN_CURRENT/NUM_RAN_STATUS/LANG_ID - Not Null fields
Validate CLASS_ID/NUM_RAN_CODE/NUM_RAN_OBJ/LANG_ID values in the table NUMBERRANGE for the duplicate records before insertion.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
New record	0119	EN	S	Number Range ASSIGNED for "NUMBER_RANGE_OBJ" successfully
Record already exists	0120	EN	E	Number Range Already exists for "NUMBER_RANGE_OBJ"

3. Update

Select a row from the list page and click Edit icon, pass the selected NUM_RAN_CODE field in NUMBERRANGE table and fetch below fields.

UI Labels	**Table Fields**	**Remarks**
Class	CLASS_ID	Editable
Number Range Code	NUM_RAN_CODE	Non Editable
Number Range Object	NUM_RAN_OBJ	Editable
Number Range From	NUM_RAN_FROM	Editable
Number Range To	NUM_RAN_TO	Editable
Current Number Range	NUM_RAN_CURRENT	Editable
Status	NUM_RAN_STATUS	1. if the Status is selected as INACTIVE, Flag the field "REF_FIELD_10". 2. If the Status is selected as ACTIVE, remove the flag from field "REF_FIELD_10"
Language ID	LANG_ID	Non Editable

Click Update after making changes in NUMBERRANGE update screen.

Update table
Fetch the above values from selection screen and update into NUMBERRANGE table along with below fields
UTD_BY - logged in USR_ID
UTD_ON - Server time
DB Validations
Validate data types
CLASS_ID/NUM_RAN_CODE/NUM_RAN_OBJ/LANG_ID - Primary Keys
CLASS_ID/NUM_RAN_CODE/NUM_RAN_OBJ/LANG_ID/NUM_RAN_FROM/NUM_RAN_TO/NUM_RAN_CURRENT/NUM_RAN_STATUS/LANG_ID - Not Null fields.

Messages

Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0121	EN	S	Number Range updated for "NUMBER_RANGE_OBJ" successfully

4. Delete

Select the record in the list page and click delete button.

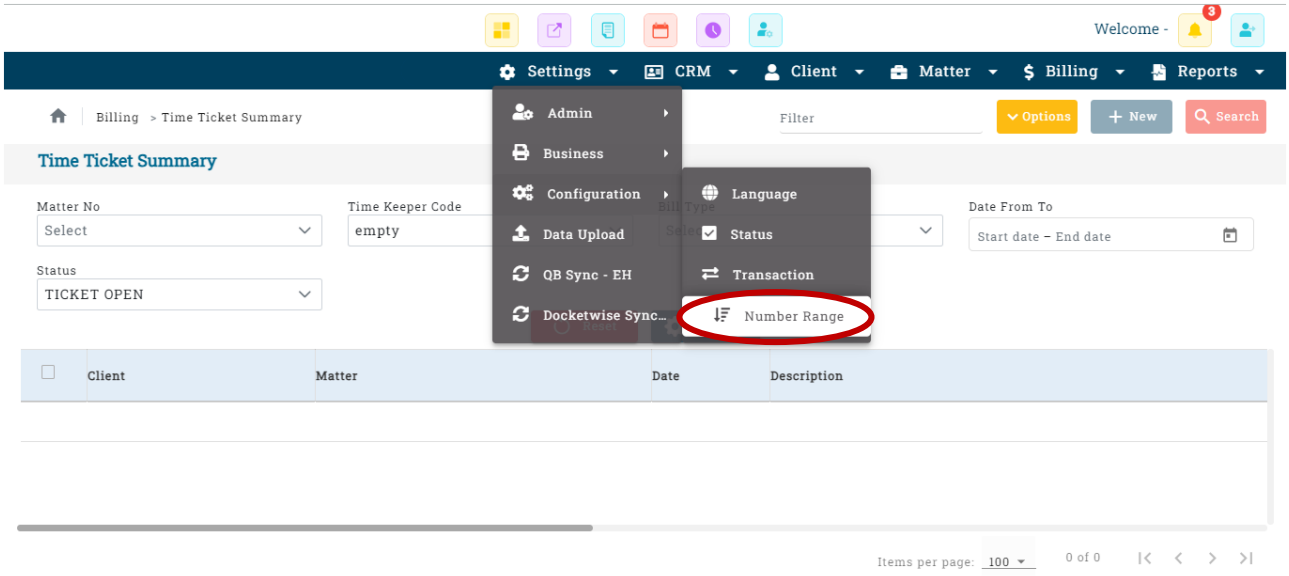
Pass the selected NUM_RAN_CODE field in NUMBERRANGE table and update ISDELETED value from 0 to 1.

Messages

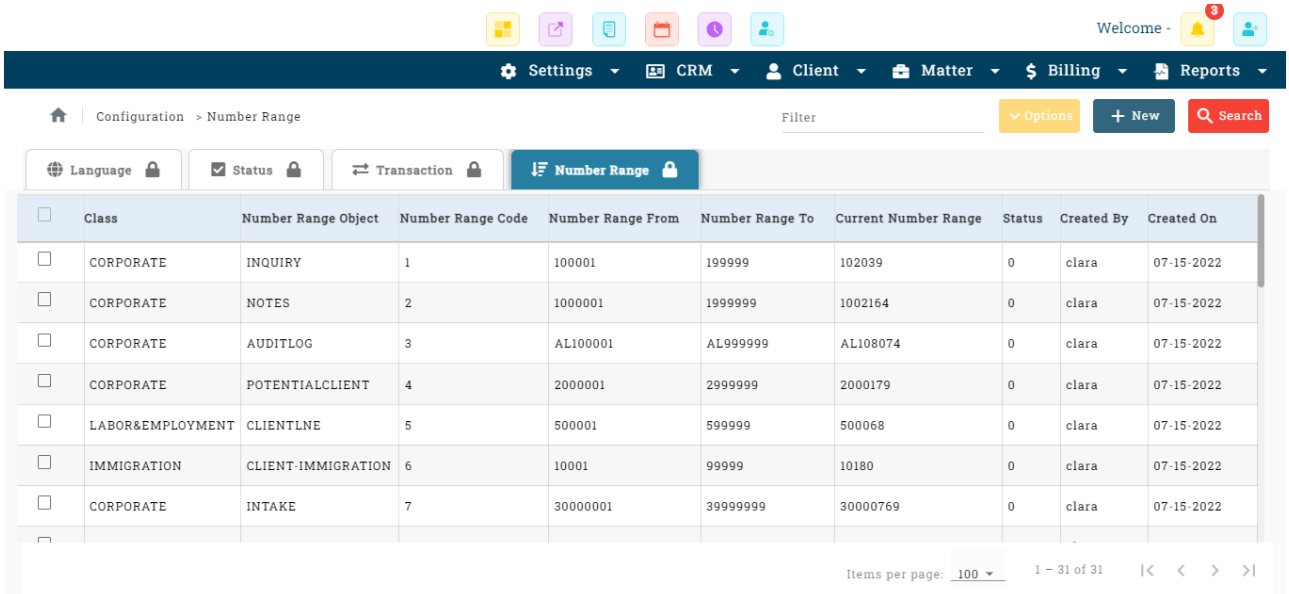
Status ID table

Validation	MESSAGE_ID	LANG_ID	MESSAGE_TYP	MESSAGE_TEXT
Valid record	0122	EN	S	Number Range deleted for "NUMBER_RANGE_OBJ" successfully

Technical Specification



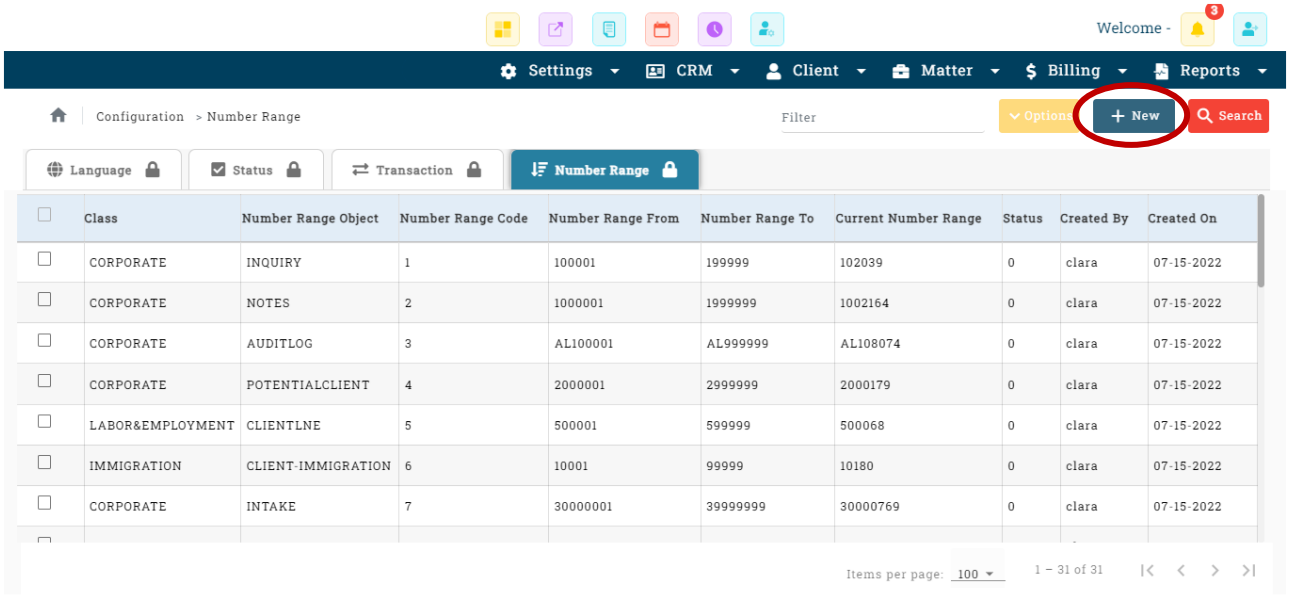
To view the Number Range list, click on ‘Number Range’ button in the 'Configuration' menu as shown in the above figure.



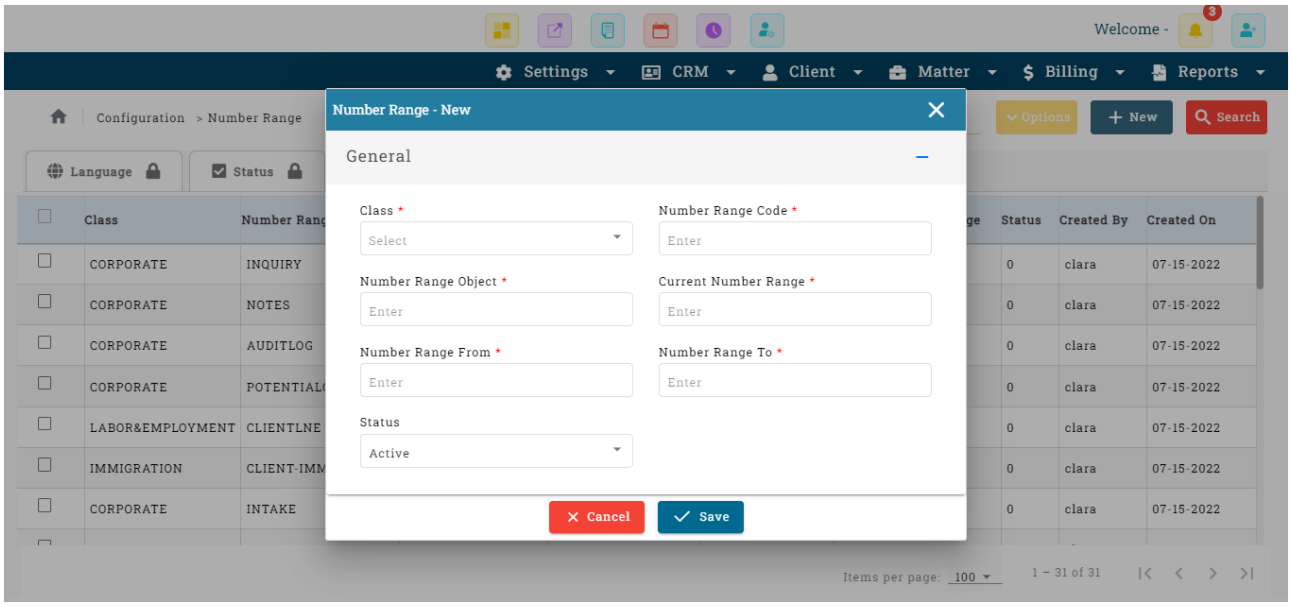
Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]
- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/numberRange [GET]

1.4.1 Create Number Range

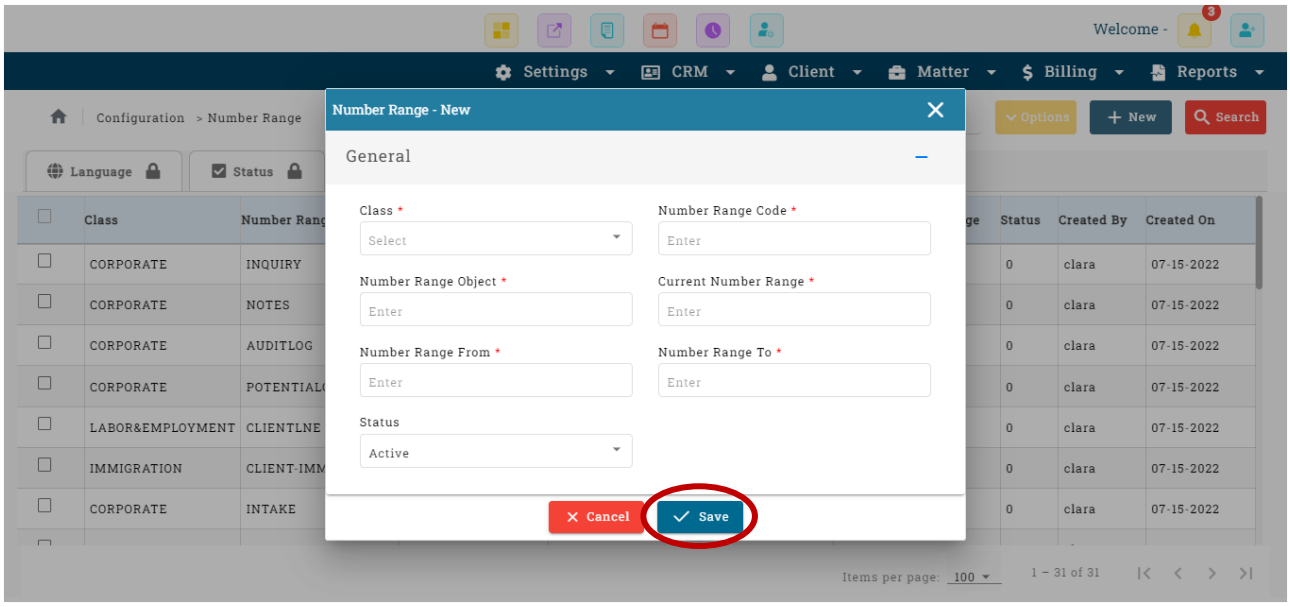


To create a new Number Range, click on 'New' button as shown in the above figure.



Api call:

- https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/class [GET]



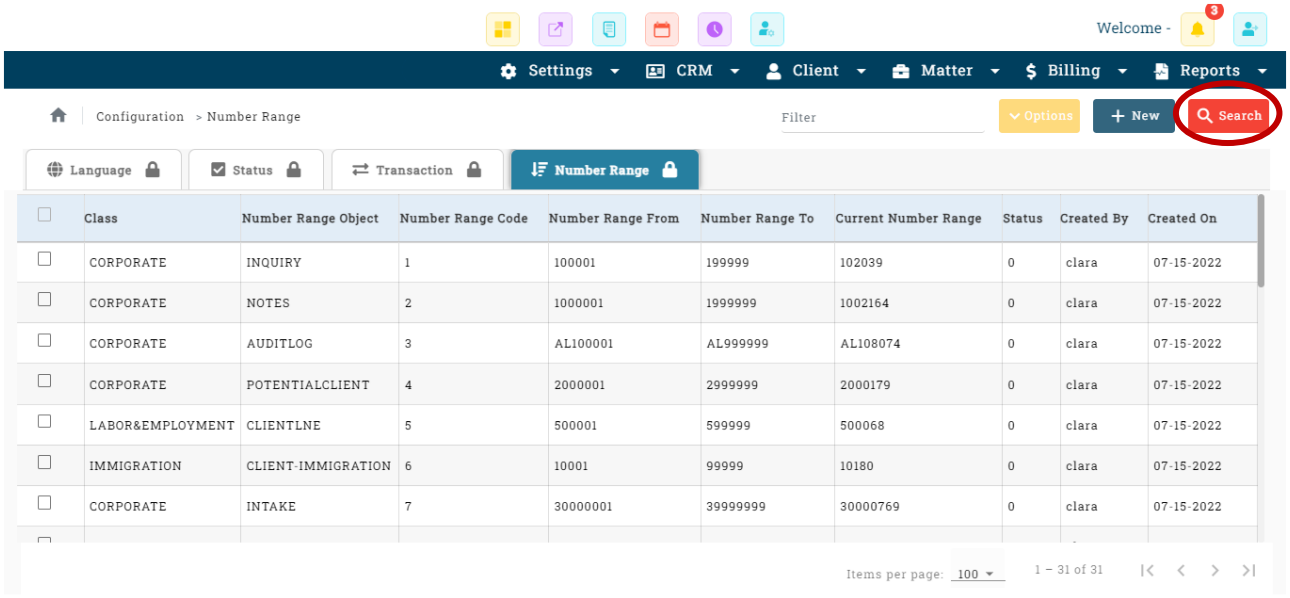
Enter the required details and click on ‘Save’ button as shown in the above figure.

On-save Api:
https://mrclara.com:27070/mnrclara/api/services/mnr-setup-service/numberRange [POST]

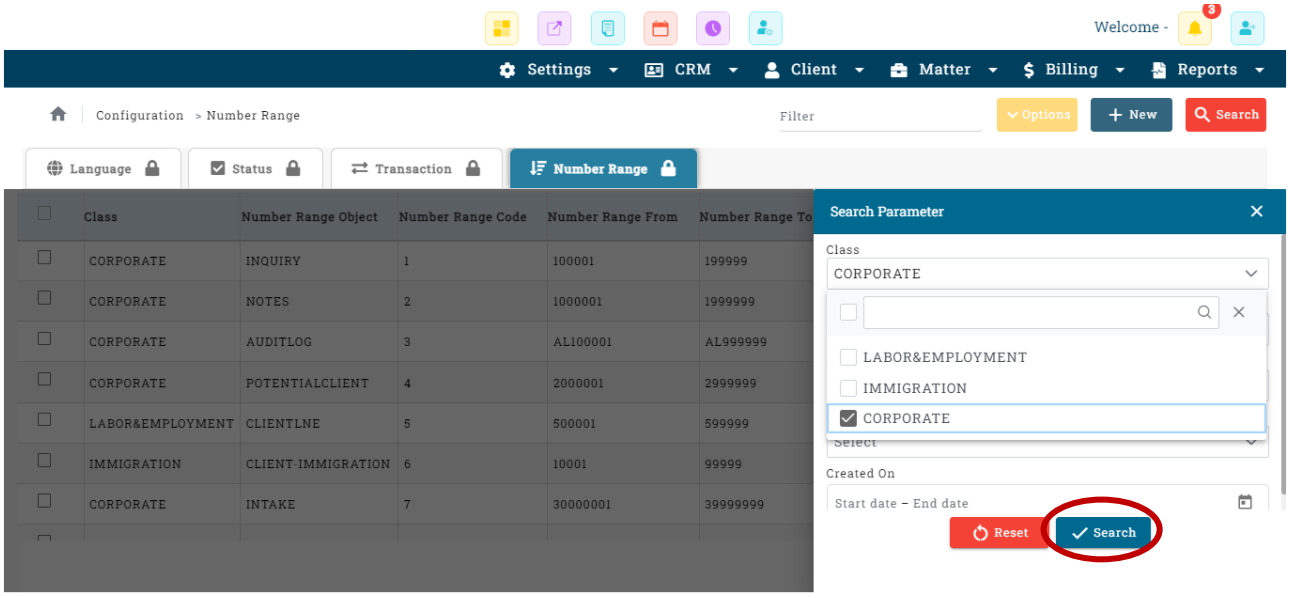
Body:


```
{
   "createdBy": "admin",
   "classId": 3,
   "numberRangeStatus": "Active",
   "numberRangeFrom": "1111",
   "numberRangeTo": "2222",
   "numberRangeCode": "199",
   "numberRangeCurrent": "1999",
   "numberRangeObject": "testData",
   "updatedBy": "admin",
   "deletionIndicator": 0
}
```

1.4.2 Search Number Range



To find any certain record, click on the 'Search' button as shown in the above figure.



Select the required parameters and click on 'Search' button as shown in the above figure.