

| TC ID  |  | Description                           |
|--------|--|---------------------------------------|
| TC_001 |  | Check table presence In the DB Scheme |
| TC_002 |  | Check table name convention           |
| TC_003 |  | Check number of columns in a table    |
| TC_004 |  | Check names of columns in a table     |
| TC_005 |  | Check data type of columns in a table |
| TC_006 |  | Check size of the columns in a table  |
| TC_007 |  | Check nulls fields in a table         |
| TC_008 |  | Check the keys of a table             |
|        |  |                                       |
| TC_009 |  | Check table presence In the DB Scheme |
| TC_010 |  | Check table name convention           |
| TC_011 |  | Check number of columns in a table    |
| TC_012 |  | Check names of columns in a table     |
| TC_013 |  | Check data type of columns in a table |

|        |                                      |
|--------|--------------------------------------|
| TC_014 | Check size of the columns in a table |
|--------|--------------------------------------|

|        |                               |
|--------|-------------------------------|
| TC_015 | Check nulls fields in a table |
|--------|-------------------------------|

|        |                           |
|--------|---------------------------|
| TC_016 | Check the keys of a table |
|--------|---------------------------|

## Steps

show tables;

show tables;

```
SELECT count(*) AS NumberOfColumns
FROM Information_scheme.columns
WHERE table_name = 'customers';
SELECT column_name
FROM Information_scheme.columns
WHERE table_name = 'customers';
SELECT column_name, data_type
FROM Information_scheme.columns
WHERE table_name = 'customers';
SELECT column_name, column_type
FROM Information_scheme.columns
WHERE table_name = 'customers';
SELECT column_name, is_nullable
FROM Information_scheme.columns
WHERE table_name = 'customers';
SELECT column_name, column_key
FROM Information_scheme.columns
WHERE table_name = 'customers';
```

show tables;

show tables;

```
SELECT count(*) AS NumberOfColumns
FROM Information_scheme.columns
WHERE table_name = 'products';
SELECT column_name
FROM Information_scheme.columns
WHERE table_name = 'products';
SELECT column_name, data_type
FROM Information_scheme.columns
WHERE table_name = 'products';
```

```
SELECT column_name, column_type
FROM Information_scheme.columns
WHERE table_name = 'products';
SELECT column_name, is_nullable
FROM Information_scheme.columns
WHERE table_name = 'products';
SELECT column_name, column_key
FROM Information_scheme.columns
WHERE table_name = 'products';
```

## Expected Results

The names of the tables should be displayed in the list

The names of the tables should be single word.

Names should not contain spaces.

13

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

The names of the tables should be displayed in the list

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Names should not contain spaces.

9

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

As mentioned in the DB design

| Actual Reslts | Test Data | Priority |
|---------------|-----------|----------|
|---------------|-----------|----------|

|             |    |    |
|-------------|----|----|
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| 13          | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |

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|             |    |    |
|-------------|----|----|
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |
| As Expected | NA | P1 |

|             |    |    |
|-------------|----|----|
| As Expected | NA | P1 |
|-------------|----|----|

|             |    |    |
|-------------|----|----|
| As Expected | NA | P1 |
|-------------|----|----|

|             |    |    |
|-------------|----|----|
| As Expected | NA | P1 |
|-------------|----|----|



| Status |  |
|--------|--|
| Passed |  |
| Passed |  |
| Passed |  |
| Passed |  |
| Passed |  |
| Passed |  |
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|        |  |
| Passed |  |
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| Passed |  |

Passed

Passed

Passed