**wjISQL Table Result Window Test Plan**

**Change History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNO | Version | Date | By | Description |
| 1 | 1 | 2016-12-25 | Mvsagar | Created. |

Table of Contents

[1 Introduction 3](#__RefHeading___Toc608_1345377192)

[1.1 Prerequisites for all Tests 3](#__RefHeading___Toc2209_1876130297)

[2 MySQL Database Test Cases 3](#__RefHeading___Toc15974_1345377192)

[2.1 Prerequisites 3](#__RefHeading___Toc3566_473330644)

[2.2 Primary Key Identification Test Cases 3](#__RefHeading___Toc5647_2067585842)

[2.2.1 Successful Test Cases 3](#__RefHeading___Toc5649_2067585842)

[2.3 Data Insertion Test Cases 5](#__RefHeading___Toc5366_261315324)

[2.3.1 Successful Test Cases 5](#__RefHeading___Toc5649_20675858421)

[2.3.2 Unsuccessful Test Cases 6](#__RefHeading___Toc5368_261315324)

[2.4 Data Updating Test Cases 7](#__RefHeading___Toc5370_261315324)

[2.4.1 Successful Test Cases 7](#__RefHeading___Toc5649_206758584211)

[2.4.2 Unsuccessful Test Cases 8](#__RefHeading___Toc5372_261315324)

[2.5 Data Deletion Test Cases 8](#__RefHeading___Toc5374_261315324)

[2.5.1 Successful Test Cases 8](#__RefHeading___Toc5649_2067585842111)

[2.5.2 Unsuccessful Test Cases 9](#__RefHeading___Toc5376_261315324)

[2.6 Row Selection Clearing Test Cases 11](#__RefHeading___Toc5378_261315324)

[2.6.1 Successful Test Cases 11](#__RefHeading___Toc5649_20675858421111)

[2.7 Help Test Cases 11](#__RefHeading___Toc5380_261315324)

[2.7.1 Successful Test Cases 11](#__RefHeading___Toc5649_206758584211111)

[2.8 Button Select Test Cases 12](#__RefHeading___Toc5382_261315324)

[2.8.1 Successful Test Cases 12](#__RefHeading___Toc5649_2067585842111111)

[3 PostgreSQL Database Test Cases 13](#__RefHeading___Toc1841_1171654226)

[3.1 Prerequisites 13](#__RefHeading___Toc5910_522376714)

[3.2 Primary Key Identification Test Cases 13](#__RefHeading___Toc5647_20675858423)

[3.2.1 Successful Test Cases 13](#__RefHeading___Toc5649_20675858424)

[3.3 Data Insertion Test Cases 15](#__RefHeading___Toc5366_2613153243)

[3.3.1 Successful Test Cases 15](#__RefHeading___Toc5649_206758584214)

[3.3.2 Unsuccessful Test Cases 17](#__RefHeading___Toc5368_2613153243)

[3.4 Data Updating Test Cases 17](#__RefHeading___Toc5370_2613153243)

[3.4.1 Successful Test Cases 17](#__RefHeading___Toc5649_2067585842114)

[3.4.2 Unsuccessful Test Cases 19](#__RefHeading___Toc5372_2613153243)

[3.5 Data Deletion Test Cases 20](#__RefHeading___Toc5374_2613153243)

[3.5.1 Successful Test Cases 20](#__RefHeading___Toc5649_20675858421114)

[3.5.2 Unsuccessful Test Cases 20](#__RefHeading___Toc5376_2613153243)

[3.6 Row Selection Clearing Test Cases 22](#__RefHeading___Toc5378_2613153243)

[3.6.1 Successful Test Cases 22](#__RefHeading___Toc5649_206758584211114)

[3.7 Help Test Cases 22](#__RefHeading___Toc5380_2613153243)

[3.7.1 Successful Test Cases 22](#__RefHeading___Toc5649_2067585842111114)

[3.8 Button Select Test Cases 23](#__RefHeading___Toc5382_2613153243)

[3.8.1 Successful Test Cases 23](#__RefHeading___Toc5649_20675858421111113)

[4 Oracle Database Test Cases 24](#__RefHeading___Toc5667_2067585842)

[4.1 Prerequisites 24](#__RefHeading___Toc6410_1525049158)

[4.2 Primary Key Identification Test Cases 24](#__RefHeading___Toc5647_206758584221)

[4.2.1 Successful Test Cases 24](#__RefHeading___Toc5649_206758584231)

[4.3 Data Insertion Test Cases 26](#__RefHeading___Toc5366_26131532421)

[4.3.1 Successful Test Cases 26](#__RefHeading___Toc5649_2067585842131)

[4.3.2 Unsuccessful Test Cases 27](#__RefHeading___Toc5368_26131532421)

[4.4 Data Updating Test Cases 28](#__RefHeading___Toc5370_26131532421)

[4.4.1 Successful Test Cases 28](#__RefHeading___Toc5649_20675858421131)

[4.4.2 Unsuccessful Test Cases 28](#__RefHeading___Toc5372_26131532421)

[4.5 Data Deletion Test Cases 29](#__RefHeading___Toc5374_26131532421)

[4.5.1 Successful Test Cases 29](#__RefHeading___Toc5649_206758584211131)

[4.5.2 Unsuccessful Test Cases 30](#__RefHeading___Toc5376_26131532421)

[4.6 Row Selection Clearing Test Cases 31](#__RefHeading___Toc5378_26131532421)

[4.6.1 Successful Test Cases 31](#__RefHeading___Toc5649_2067585842111131)

[4.7 Help Test Cases 32](#__RefHeading___Toc5380_26131532421)

[4.7.1 Successful Test Cases 32](#__RefHeading___Toc5649_20675858421111131)

[4.8 Button Select Test Cases 33](#__RefHeading___Toc5382_26131532421)

[4.8.1 Successful Test Cases 33](#__RefHeading___Toc5649_206758584211111121)

[5 MSSQL Database Test Cases 33](#__RefHeading___Toc5669_2067585842)

[5.1 Prerequisites 33](#__RefHeading___Toc5505_261315324)

[5.2 Primary Key Identification Test Cases 34](#__RefHeading___Toc5647_20675858422)

[5.2.1 Successful Test Cases 34](#__RefHeading___Toc5649_20675858423)

[5.3 Data Insertion Test Cases 35](#__RefHeading___Toc5366_2613153242)

[5.3.1 Successful Test Cases 35](#__RefHeading___Toc5649_206758584213)

[5.3.2 Unsuccessful Test Cases 36](#__RefHeading___Toc5368_2613153242)

[5.4 Data Updating Test Cases 37](#__RefHeading___Toc5370_2613153242)

[5.4.1 Successful Test Cases 37](#__RefHeading___Toc5649_2067585842113)

[5.4.2 Unsuccessful Test Cases 38](#__RefHeading___Toc5372_2613153242)

[5.5 Data Deletion Test Cases 38](#__RefHeading___Toc5374_2613153242)

[5.5.1 Successful Test Cases 38](#__RefHeading___Toc5649_20675858421113)

[5.5.2 Unsuccessful Test Cases 39](#__RefHeading___Toc5376_2613153242)

[5.6 Row Selection Clearing Test Cases 41](#__RefHeading___Toc5378_2613153242)

[5.6.1 Successful Test Cases 41](#__RefHeading___Toc5649_206758584211113)

[5.7 Help Test Cases 41](#__RefHeading___Toc5380_2613153242)

[5.7.1 Successful Test Cases 41](#__RefHeading___Toc5649_2067585842111113)

[5.8 Button Select Test Cases 42](#__RefHeading___Toc5382_2613153242)

[5.8.1 Successful Test Cases 42](#__RefHeading___Toc5649_20675858421111112)

[6 SQLite Database Test Cases 43](#__RefHeading___Toc5671_2067585842)

[6.1 Prerequisites 43](#__RefHeading___Toc5419_261315324)

[6.2 Primary Key Identification Test Cases 43](#__RefHeading___Toc5647_20675858421)

[6.2.1 Successful Test Cases 43](#__RefHeading___Toc5649_20675858422)

[6.3 Data Insertion Test Cases 45](#__RefHeading___Toc5366_2613153241)

[6.3.1 Successful Test Cases 45](#__RefHeading___Toc5649_206758584212)

[6.3.2 Unsuccessful Test Cases 47](#__RefHeading___Toc5368_2613153241)

[6.4 Data Updating Test Cases 47](#__RefHeading___Toc5370_2613153241)

[6.4.1 Successful Test Cases 47](#__RefHeading___Toc5649_2067585842112)

[6.4.2 Unsuccessful Test Cases 49](#__RefHeading___Toc5372_2613153241)

[6.5 Data Deletion Test Cases 49](#__RefHeading___Toc5374_2613153241)

[6.5.1 Successful Test Cases 49](#__RefHeading___Toc5649_20675858421112)

[6.5.2 Unsuccessful Test Cases 50](#__RefHeading___Toc5376_2613153241)

[6.6 Row Selection Clearing Test Cases 51](#__RefHeading___Toc5378_2613153241)

[6.6.1 Successful Test Cases 51](#__RefHeading___Toc5649_206758584211112)

[6.7 Help Test Cases 52](#__RefHeading___Toc5380_2613153241)

[6.7.1 Successful Test Cases 52](#__RefHeading___Toc5649_2067585842111112)

[6.8 Button Select Test Cases 53](#__RefHeading___Toc5382_2613153241)

[6.8.1 Successful Test Cases 53](#__RefHeading___Toc5649_20675858421111111)

# Introduction

Tests of this test plan test functionality available in Result window displayed when button Data in table properties window is clicked. This result window allows user to insert data into the table, update existing data in the table and delete the data from the table.

Note:- PostgreSQL tests have a few more tests compared to other database test cases. These test cases test insertion and updating of NULL values in columns. Add these test cases for other databases in future.

## Prerequisites for all Tests

|  |  |
| --- | --- |
| 1 | Installation test is successful. |
| 2 | Main screen is of wjISQL is currently shown in the browser. Otherwise, enter "<http://localhost:8080/wjisql>" in the browser address field. |

# 

# MySQL Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | MySQL database **mysqldb** is readily available for user **mysqlusr** and password **mysql123**. The user has DBA privileges. |
| 2 | You have already logged into the database. |
| 3 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |
| 4 | SQL Statement(s) window is visibile. |
| 5 | Tables **emp** and **dept** with data already exist. Otherwise, load script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_002\_sql\_script\_deptemp.sql** |

## Primary Key Identification Test Cases

### Successful Test Cases

Test Case 1/1: Test that primary key column is displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click table **emp** in the left side button |
| 2 | Click button **Data** in table properties window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with primary key column eno and its data are shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(332) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

Test Case 2/2: Test that all columns of a multi-column primary key are displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_003\_sql\_script\_keysindexes.sql** |
| 2 | Click on the newly created table <B>questions</B>. |
| 3 | Click button <B>Data</B> in the table properies window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data of the table with all 5 primary key columns shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Data Insertion Test Cases

### Successful Test Cases

Test Case 1/3: Test insertion of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 1, Give an example of implementing an interface., 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

### Unsuccessful Test Cases

Test Case 1/4: Test insertion of a row with incompatible values into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, xyz, 1, 2, 1, abc, 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Display of an error message window and control back to Result window with previous. rows intact: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Data Updating Test Cases

### Successful Test Cases

Test Case 1/5: Test updating of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 4. |
| 2 | Click button **update.** |
| 3 | Enter value 6 in cell of column **qtn\_marks** and row 4. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_marks updated with value 6 for row 4: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

### Unsuccessful Test Cases

Test Case 1/6: Test updating of a row with character value for question complexity.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1. |
| 2 | Click button **update.** |
| 3 | Enter value **A** in cell of column **qtn\_complexity** and row 1. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Data Deletion Test Cases

### Successful Test Cases

Test Case 1/7: Test deletion of a row from a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 2. |
| 2 | Click button **delete.** |
| 3 | Click button **confirm**. |
| 4 | Click OK button on an alert message window |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with old row deleted: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

### Unsuccessful Test Cases

Test Case 1/8: Test deletion of rows without selecting any row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Do not select any row. |
| 2 | Click button **delete.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

Test Case 1/9: Test cancelation of deletion of a row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select 2nd row |
| 2 | Click button **delete.** |
| 3 | Click button **Cancel**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A warning message window as shown below and control back to the table with oroginal 3 row data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Row Selection Clearing Test Cases

### Successful Test Cases

Test Case 1/10: Test clearing of selected rows

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1 and 2. |
| 2 | Click button **Clear row selection.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data with row selection cleared. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Help Test Cases

### Successful Test Cases

Test Case 1/11: Test display of help for the table data

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Help**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new browser tab containing help: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

## Button Select Test Cases

### Successful Test Cases

Test Case 1/12: Test that button Select executes SELECT statement on the table and key column color is lost

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Select**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table data as before but without data insert/update/delete related buttons and without orange color on table key columns: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

# PostgreSQL Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | PostgreSQL database **pgsqldb** is readily available for user **pgsqlusr** and password **pgsql123**. The user has DBA privileges. |
| 2 | You have already logged into the database. |
| 3 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |
| 4 | SQL Statement(s) window is visibile. |
| 5 | Tables **emp** and **dept** with data already exist. Otherwise, load script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_002\_sql\_script\_deptemp.sql** |

## Primary Key Identification Test Cases

### Successful Test Cases

Test Case 1/13: Test that primary key column is displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click table **emp** in the left side button |
| 2 | Click button **Data** in table properties window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with primary key column eno and its data are shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |
| Windows 7 |  |  |  |  |

Test Case 2/14: Test that all columns of a multi-column primary key are displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_003\_sql\_script\_keysindexes.sql** |
| 2 | Click on the newly created table **questions**. |
| 3 | Click button **Data** in the table properies window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data of the table with all 5 primary key columns shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |
| Windows 7 |  |  |  |  |

## Data Insertion Test Cases

### Successful Test Cases

Test Case 1/15: Test insertion of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 1, Give an example of implementing an interface., 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 2/16: Test insertion of a row with NULL values

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 2, ticked check box, 1, ticked check box |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/17: Test insertion of a row with incompatible values into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, xyz, 1, 2, 1, abc, 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Display of an error message window and control back to Result window with previous. rows intact: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |
| Windows 7 |  |  |  |  |

## Data Updating Test Cases

### Successful Test Cases

Test Case 1/18: Test updating of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 4. |
| 2 | Click button **update.** |
| 3 | Enter value 6 in cell of column **qtn\_marks** and row 4. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_marks updated with value 6 for row 4: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 2/19: Test updating of a row with NULL values.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row with key 1001, 1, 1, 2, 1. |
| 2 | Click button **update.** |
| 3 | Click check boxes of columns **qtn\_text** and **qtn\_marks** to indicate NULL values. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_text abd qtn\_marks updated with value NULL for the row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/20: Test updating of a row with character value for question complexity.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row with key 1001, 1, 1, 1, 1. |
| 2 | Click button **update.** |
| 3 | Enter value **A** in cell of column **qtn\_complexity** in the row. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

## Data Deletion Test Cases

### Successful Test Cases

Test Case 1/21: Test deletion of a row from a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row with key 1001, 1, 1, 1, 2. |
| 2 | Click button **delete.** |
| 3 | Click button **confirm**. |
| 4 | Click OK button on an alert message window |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with old row deleted: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/22: Test deletion of rows without selecting any row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Do not select any row. |
| 2 | Click button **delete.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 1/23: Test cancelation of deletion of a row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select 2nd row |
| 2 | Click button **delete.** |
| 3 | Click button **Cancel**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A warning message window as shown below and control back to the table with original 3 row data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

## Row Selection Clearing Test Cases

### Successful Test Cases

Test Case 1/24: Test clearing of selected rows

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1 and 2. |
| 2 | Click button **Clear row selection.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data with row selection cleared. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

## Help Test Cases

### Successful Test Cases

Test Case 1/25: Test display of help for the table data

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Help**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new browser tab containing help: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **Chrome** | 1.13.16(369) | 2016-12-30 | Success |  |

## Button Select Test Cases

### Successful Test Cases

Test Case 1/26: Test that button Select executes SELECT statement on the table and key column color is lost

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Select**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table data as before but without data insert/update/delete related buttons and without orange color on table key columns: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.11(337) | 2016-12-25 | Success |  |
| Windows 7 |  |  |  |  |

# Oracle Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | Oracle database **oradb** is readily available for user **orausr** and password **ora123**. The user has DBA privileges. |
| 2 | You have already logged into the database. |
| 3 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |
| 4 | SQL Statement(s) window is visibile. |
| 5 | Tables **emp** and **dept** with data already exist. Otherwise, load script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_002\_sql\_script\_deptemp.sql** |

## Primary Key Identification Test Cases

### Successful Test Cases

Test Case 1/27: Test that primary key column is displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click table **emp** in the left side button |
| 2 | Click button **Data** in table properties window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with primary key column eno and its data are shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(367) | 2016-12-30 | Success |  |

Test Case 2/28: Test that all columns of a multi-column primary key are displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_003\_sql\_script\_keysindexes.sql** |
| 2 | Click on the newly created table **questions**. |
| 3 | Click button Data in the table properies window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data of the table with all 5 primary key columns shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Data Insertion Test Cases

### Successful Test Cases

Test Case 1/29: Test insertion of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 1, Give an example of implementing an interface., 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/30: Test insertion of a row with incompatible values into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, xyz, 1, 2, 1, abc, 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Display of an error message window and control back to Result window with previous. rows intact: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Data Updating Test Cases

### Successful Test Cases

Test Case 1/31: Test updating of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 4. |
| 2 | Click button **update.** |
| 3 | Enter value 6 in cell of column **qtn\_marks** and row 4. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_marks updated with value 6 for row 4: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/32: Test updating of a row with character value for question complexity.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1. |
| 2 | Click button **update.** |
| 3 | Enter value **A** in cell of column **qtn\_complexity** and row 1. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Data Deletion Test Cases

### Successful Test Cases

Test Case 1/33: Test deletion of a row from a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 2. |
| 2 | Click button **delete.** |
| 3 | Click button **confirm**. |
| 4 | Click OK button on an alert message window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with old row deleted: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/34: Test deletion of rows without selecting any row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Do not select any row. |
| 2 | Click button **delete.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

Test Case 1/35: Test cancelation of deletion of a row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select 2nd row |
| 2 | Click button **delete.** |
| 3 | Click button **Cancel**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A warning message window as shown below and control back to the table with oroginal 3 row data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Row Selection Clearing Test Cases

### Successful Test Cases

Test Case 1/36: Test clearing of selected rows

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1 and 2. |
| 2 | Click button **Clear row selection.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data with row selection cleared. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Help Test Cases

### Successful Test Cases

Test Case 1/37: Test display of help for the table data

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Help**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new browser tab containing help: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

## Button Select Test Cases

### Successful Test Cases

Test Case 1/38: Test that button Select executes SELECT statement on the table and key column color is lost

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Select**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table data as before but without data insert/update/delete related buttons and without orange color on table key columns: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  FireFox | 1.13.16(369) | 2016-12-30 | Success |  |

# MSSQL Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | MS SQL database **msqldb** is readily available for user **msqlusr** and password **msql123**. The user has DBA privileges. |
| 2 | You have already logged into the database. |
| 3 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |
| 4 | SQL Statement(s) window is visibile. |
| 5 | Tables **emp** and **dept** with data already exist. Otherwise, load script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_002\_sql\_script\_deptemp.sql** |

## Primary Key Identification Test Cases

### Successful Test Cases

Test Case 1/39: Test that primary key column is displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click table **emp** in the left side button |
| 2 | Click button **Data** in table properties window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with primary key column eno and its data are shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.14(359) | 2016-12-29 | Success |  |

Test Case 2/40: Test that all columns of a multi-column primary key are displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_003\_sql\_script\_keysindexes.sql** |
| 2 | Click on the newly created table questions. |
| 3 | Click button Data in the table properies window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data of the table with all 5 primary key columns shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.14(359) | 2016-12-30 | Success |  |

## Data Insertion Test Cases

### Successful Test Cases

Test Case 1/41: Test insertion of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 1, Give an example of implementing an interface., 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.14(359) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/42: Test insertion of a row with incompatible values into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, xyz, 1, 2, 1, abc, 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Display of an error message window and control back to Result window with previous. rows intact: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.14(359) | 2016-12-30 | Success |  |

## Data Updating Test Cases

### Successful Test Cases

Test Case 1/43: Test updating of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 4. |
| 2 | Click button **update.** |
| 3 | Enter value 6 in cell of column **qtn\_marks** and row 4. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_marks updated with value 6 for row 4: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.14(359) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/44: Test updating of a row with character value for question complexity.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1. |
| 2 | Click button **update.** |
| 3 | Enter value **A** in cell of column **qtn\_complexity** and row 1. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.15(362) | 2016-12-30 | Success |  |

## Data Deletion Test Cases

### Successful Test Cases

Test Case 1/45: Test deletion of a row from a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 2. |
| 2 | Click button **delete.** |
| 3 | Click button **confirm**. |
| 4 | Click OK button on an alert message window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with old row deleted: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

### Unsuccessful Test Cases

Test Case 1/46: Test deletion of rows without selecting any row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Do not select any row. |
| 2 | Click button **delete.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

Test Case 1/47: Test cancelation of deletion of a row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select 2nd row |
| 2 | Click button **delete.** |
| 3 | Click button **Cancel**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A warning message window as shown below and control back to the table with oroginal 3 row data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

## Row Selection Clearing Test Cases

### Successful Test Cases

Test Case 1/48: Test clearing of selected rows

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1 and 2. |
| 2 | Click button **Clear row selection.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data with row selection cleared. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

## Help Test Cases

### Successful Test Cases

Test Case 1/49: Test display of help for the table data

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Help**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new browser tab containing help: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

## Button Select Test Cases

### Successful Test Cases

Test Case 1/50: Test that button Select executes SELECT statement on the table and key column color is lost

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Select**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table data as before but without data insert/update/delete related buttons and without orange color on table key columns: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  IE 11.0 | 1.13.16(367) | 2016-12-30 | Success |  |

# SQLite Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | SQLite database [**C:/TEMP/sqlitedb**](file:///C:/TEMP/sqlitedb) on windows or **/tmp/sqlitedb** on Linux machineis readily available (gets created if it does not exist!). |
| 2 | You have already logged into the database. |
| 3 | Database setup was done as mentioned in wpl.tpl.05.browse.docx |
| 4 | SQL Statement(s) window is visibile. |
| 5 | Tables **emp** and **dept** with data already exist. Otherwise, load script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_002\_sql\_script\_deptemp.sql** |

## Primary Key Identification Test Cases

### Successful Test Cases

Test Case 1/51: Test that primary key column is displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click table **emp** in the left side button |
| 2 | Click button **Data** in table properties window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with primary key column eno and its data are shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  **Chrome** | 1.13.14(359) | 2016-12-29 | Success |  |

Test Case 2/52: Test that all columns of a multi-column primary key are displayed in orange color.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | None. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Execute the following script:  wjisql/wji\_tsrc/wji\_scripts/wji\_16\_sql\_scripts/**tst\_16\_003\_sql\_script\_keysindexes\_sqlite.sql** |
| 2 | Click on the newly created table **questions**. |
| 3 | Click button **Data** in the table properies window. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data of the table with all 5 primary key columns shown in orange color: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  **Chrome** | 1.13.14(359) | 2016-12-29 | Success |  |

## Data Insertion Test Cases

### Successful Test Cases

Test Case 1/53: Test insertion of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, 1, 1, 2, 1, Give an example of implementing an interface., 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with newly inserted row displayed as 4th row: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  **Chrome** | 1.13.11(337) | 2016-12-25 | Success |  |

Test Case 2/54: Test insertion of a row with incompatible values into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **insert.** |
| 2 | Enter data in the displayed empty row of the table:  1001, xyz, 1, 2, 1, abc, 3, 3 |
| 3 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 |  |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-25 | Success |  |

### Unsuccessful Test Cases

None

## Data Updating Test Cases

### Successful Test Cases

Test Case 1/55: Test updating of a row into a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 4. |
| 2 | Click button **update.** |
| 3 | Enter value 6 in cell of column **qtn\_marks** and row 4. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with qtn\_marks updated with value 6 for row 4: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-29 | Success |  |

Test Case 2/56: Test updating of a row with character value for question complexity.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1. |
| 2 | Click button **update.** |
| 3 | Enter value **A** in cell of column **qtn\_complexity** and row 1. |
| 4 | Click button **confirm**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Row gets updated with invalid value as shown below: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.11(337) | 2016-12-25 | Success |  |

### Unsuccessful Test Cases

None

## Data Deletion Test Cases

### Successful Test Cases

Test Case 1/57: Test deletion of a row from a table.

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 2. |
| 2 | Click button **delete.** |
| 3 | Click button **confirm**. |
| 4 | Click OK button on an alert message window |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with old row deleted: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-29 | Success |  |

### Unsuccessful Test Cases

Test Case 1/58: Test deletion of rows without selecting any row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Do not select any row. |
| 2 | Click button **delete.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An error message window as shown below and control back to the table data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-29 | Success |  |

Test Case 1/59: Test cancelation of deletion of a row

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Select 2nd row |
| 2 | Click button **delete.** |
| 3 | Click button **Cancel**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A warning message window as shown below and control back to the table with oroginal 4 row data after clicking button OK: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7 | 1.13.14(359) | 2016-12-29 | Success |  |

## Row Selection Clearing Test Cases

### Successful Test Cases

Test Case 1/60: Test clearing of selected rows

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click check box of row 1 and 2. |
| 2 | Click button **Clear row selection.** |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Result window with data with row selection cleared. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7 | 1.13.14(359) | 2016-12-29 | Success |  |

## Help Test Cases

### Successful Test Cases

Test Case 1/61: Test display of help for the table data

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Help**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | A new browser tab containing help: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-29 | Success |  |

## Button Select Test Cases

### Successful Test Cases

Test Case 1/62: Test that button Select executes SELECT statement on the table and key column color is lost

Test Prerequisites:

|  |  |
| --- | --- |
| 1 | Result window with data of the table **questions** is active. |

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Select**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Table data as before but without data insert/update/delete related buttons and without orange color on table key columns: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS |  |  |  |  |
| Windows 7  Chrome | 1.13.14(359) | 2016-12-29 | Success |  |