**DBMS Info Test Plan**

**Change History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNO | Version | Date | By | Description |
| 1 | 1 | 2016-12-26 | Mvsagar | Created. |

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# Introduction

Tests of this test plan test DBMS information menu item of wjISQL. This menu item gives various information such as product name, version number and capabilities of JDBC driver in use and RDBMS behind it.

## 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. |

## DBMS Info Test Cases

### Successful Test Cases

Test Case 1/1: Test that menu item DBMS Info displays information about the JDBC driver and RDBMS behind it.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Connect**. |
| 2 | Connect to MySQL database **mysqldb** using user **mysqlusr** and password **mysql123**. |
| 3 | Click menu item **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | MySQL DBMS info as shown below (not complete):  Initial part:    End part: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.13(355) | 2016-12-26 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Close the browser tab "DBMS Info". |

### Unsuccessful Test Cases

Test Case 1/2: Test failure of display of DBMS information when database is not connected.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to logout from the database |
| 2 | Click button **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An alert message asking user to connect to the database first: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click button OK on the alert message box. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.14(355) | 2016-12-26 | Success |  |

# PostgreSQL Database Connection and Disconnection Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | PostgreSQL database **pgsqldb** is readily available for user **pgsqlusr** and password **pgsql123**. The user has DBA privileges. |

## DBMS Info Test Cases

### Successful Test Cases

Test Case 1/3: Test that menu item DBMS Info displays information about the JDBC driver and RDBMS behind it.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Connect**. |
| 2 | Connect to PostgreSQL database **pgsqldb** using user **pgsqlusr** and password **pgsql123**. |
| 3 | Click menu item **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | PostgreSQL DBMS info as shown below (not complete):  Initial part:    End part: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.13(355) | 2016-12-26 | Success |  |
| Windows 7 |  |  |  |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Close the browser tab "DBMS Info". |

### Unsuccessful Test Cases

Test Case 1/4: Test failure of display of DBMS information when database is not connected.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to logout from the database |
| 2 | Click button **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An alert message asking user to connect to the database first: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click button OK on the alert message box. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.14(355) | 2016-12-26 | Success |  |

# Oracle Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | Oracle database **oradb** is readily available for user **orausr** and password **ora123**. The user has DBA privileges. |

## DBMS Info Test Cases

### Successful Test Cases

Test Case 1/5: Test that menu item DBMS Info displays information about the JDBC driver and RDBMS behind it.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Connect**. |
| 2 | Connect to Oracle database **oradb** using user **orausr** and password **ora123**. |
| 3 | Click menu item **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | Oracle DBMS info as shown below (not complete):  Initial part:    End part: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  IE 11.0 | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Close the browser tab "DBMS Info". |

### Unsuccessful Test Cases

Test Case 1/6: Test failure of display of DBMS information when database is not connected.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to logout from the database |
| 2 | Click button **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An alert message asking user to connect to the database first: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click button OK on the alert message box. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  IE 11.0 | 1.13.17(376) | 2017-01-01 | Success |  |

# MS SQL Database Test Cases

## Prerequisites

|  |  |
| --- | --- |
| 1 | MS SQL database **mssqldb** is readily available for user **mssqlusr** and password **mssql123**. The user has DBA privileges. |

## DBMS Info Test Cases

### Successful Test Cases

Test Case 1/7: Test that menu item DBMS Info displays information about the JDBC driver and RDBMS behind it.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Connect**. |
| 2 | Connect to Oracle database **mssqldb** using user **mssqlusr** and password **mssql123**. |
| 3 | Click menu item **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | MS SQL DBMS info as shown below (not complete):  Initial part:    End part: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  IE 11.0 | 1.13.17(376) | 2017-01-01 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Close the browser tab "DBMS Info". |

### Unsuccessful Test Cases

Test Case 1/8: Test failure of display of DBMS information when database is not connected.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to logout from the database |
| 2 | Click button **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An alert message asking user to connect to the database first: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click button OK on the alert message box. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Windows 7  IE 11.0 | 1.13.17(376) | 2017-01-01 | Success |  |

# SQLite Database Test Cases

## Prerequisites

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

## DBMS Info Test Cases

### Successful Test Cases

Test Case 1/9: Test that menu item DBMS Info displays information about the JDBC driver and RDBMS behind it.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click menu item **Connect**. |
| 2 | Connect to database /tmp/**sqlitedb.** |
| 3 | Click menu item **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | SQLite DBMS info as shown below (not complete):  Initial part:    End part: |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.13(355) | 2016-12-26 | Success |  |

Post Test Actions:

|  |  |
| --- | --- |
| 1 | Close the browser tab "DBMS Info". |

### Unsuccessful Test Cases

Test Case 1/10: Test failure of display of DBMS information when database is not connected.

Test Prerequisites:

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

Test Procedure

|  |  |
| --- | --- |
| 1 | Click button **Disconnect** to logout from the database |
| 2 | Click button **DBMS Info**. |

Test Expected o/p:

|  |  |
| --- | --- |
| 1 | An alert message asking user to connect to the database first: |

Post Test Actions

|  |  |
| --- | --- |
| 1 | Click button OK on the alert message box. |

Test Status:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Platform*** | ***wjISQL*** | ***Date*** | ***Status*** | ***Remarks*** |
| Ubuntu 16.04 LTS  **FireFox** | 1.13.14(355) | 2016-12-26 | Success |  |