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| **TNo:** | **Test** | **Input** | **Condition** | **Expected result** |
| 1 | Disable GUI components | state = false | shows.isEmpty() == false | Couple of GUI components are disabled |
| 2 | Disable GUI components | state = false | shows.isEmpty() == true | No change in GUI as there is no data |
| 3 | Enable GUI components | state = true | shows.isEmpty() == true | No change in GUI as there is no data |
| 4 | Enable GUI components | state = true | shows.isEmpty() == false | GUI components are enabled |
| 5 | Print Receipt button | total\_tickets | total\_tickets > 0 | Print Receipt button is enabled |
| 6 | Print Receipt button | total\_tickets | total\_tickets < 0 | Print Receipt button is disabled |
| 7 | Populate Show Slots combo box | Array of shows | Shows is empty | Slots combo-box is not filled |
| 8 | Populate Show Slots combo box | Array of shows | Shows is not empty | Slots combo-box is filled with relevant information |
| 9 | Populate Show Dates combo box | Array of shows | Shows is empty | Dates combo-box is not filled |
| 10 | Populate Show Dates combo box | Array of shows | Shows is not empty | Dates combo-box is filled with relevant information |
| 11 | Cancel an already booked ticket | ticketsReserved | ticketsReserved is empty | A ticket cannot be canceled and removed from ticketsReserved array |
| 12 | Cancel an already booked ticket | ticketsReserved | ticketsReserved is not empty | A reserved ticket is canceled and removed from ticketsReserved array |
| 13 | JavaDB server | JavaDB connection | If server is not started | An error message is displayed |
| 14 | JavaDB server | JavaDB connection | If server is started | Connection with MusicalTicketSystem database is created |
| 15 | CSV file is invalid | CSV file | CSV file is empty | Data cannot be read and database cannot be populated |
| 16 | CSV file is invalid | CSV file | CSV file contains invalid number of columns | Data cannot be read and database cannot be populated |
| 17 | CSV file is valid | CSV file | CSV file contains valid | Data is read and database is also populated |
| 18 | Price filtering | Price filter text | Price is not numeric | Data is not filtered and error popup is displayed |
| 19 | Price filtering | Price filter text | Price is only numeric | Data is filtered and Shows table is updated |
| 20 | Customer Name | Customer name textbox | Customer name contains special characters | Ticket reservations fails and error dialog pop is displayed |
| 21 | Customer Name | Customer name textbox | Customer name contains only alphanumeric and underscore | Ticket reservation is successful |
| 22 | Customer Email address | Customer email textbox | Customer email does not follow correct format | Ticket reservations fails and error dialog pop is displayed |
| 23 | Customer Email address | Customer email textbox | Customer email follows correct format | Ticket reservation is successful |