**NETD2202-Lab4 Documentation**

Jacky Yuan, 100520106 https://github.com/aphim/Lab4CarInventory

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: btnEnter | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| click | Make: Lexus  Model: IS 250  Year: 2011  Price: 20000  New: | Creates car object and adds it to the displayed list. | Program accepts entry and adds a new car object with the corresponding information into the list of car objects.  Object is given an ID number equal to current ID + 1.  Car object is added to the bottom of the list of car objects in the listview.  Output label displays message "It worked!" | Program accepts entry and adds a new car object with the corresponding information into the list of car objects.  Object is given an ID number equal to current ID + 1.  Car object is added to the bottom of the list of car objects in the listview.  Output label displays message "It worked!" |
| click | Make: Volvo  Model: $#we2  Year: 1927  Price: 32.57  New:(checked) | Creates car object and adds it to the displayed list. | Program accepts entry and adds a new car object with the corresponding information into the list of car objects.  Object is given an ID number equal to current ID + 1.  Car object is added to the bottom of the list of car objects in the listview.  Output label displays message "It worked!" | Program accepts entry and adds a new car object with the corresponding information into the list of car objects.  Object is given an ID number equal to current ID + 1.  Car object is added to the bottom of the list of car objects in the listview.  Output label displays message "It worked!" |
| click | Make:  Model: $#we2  Year: 1927  Price: 32.57  New: | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please select the car's make." | Error message in output label:  "ERRORS:  Please select the car's make." |
| click | Make: Honda  Model:  Year: 1927  Price: 32.57  New: (checked) | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please enter the car's model." | Error message in output label:  "ERRORS:  Please enter the car's model." |
| click | Make: Honda  Model: 12345  Year:  Price: 32.57  New: | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please enter the car's year." | Error message in output label:  "ERRORS:  Please select the car's year." |
| click | Make: Tesla  Model: 12345  Year: 1995  Price:  New:(checked) | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please enter the car's price." | Error message in output label:  "ERRORS:  Please enter the car's price." |
| click | Make: Tesla  Model: 12345  Year: 1995  Price: Alot  New:(checked) | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please enter a numeric value for the car's price." | Error message in output label:  "ERRORS:  Please enter a numeric value for the car's price." |
| click | Make:  Model:  Year:  Price:  New:(checked) | Creates car object and adds it to the displayed list. | Error message in output label:  "ERRORS:  Please select the car's make.  Please enter the car's model.  Please enter the car's year.  Please enter the car's price." | Error message in output label:  "ERRORS:  Please select the car's make.  Please enter the car's model.  Please enter the car's year.  Please enter the car's price." |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: lvwCars\_Click | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click on entry |  | Selects the entry from the listview box for editing. | -Highlights the row corresponding to the entry selected  -The selected data is displayed in its corresponding input box to allow for editing. | -Highlights the row corresponding to the entry selected  -The selected data is displayed in its corresponding input box to allow for editing. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: btnReset | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| click |  | Resets input boxes to its default state. | - inputs cleared  - outputs messages and errors cleared  - Remove selection in the listview  -Uncheck "new" checkbox | - inputs cleared  - outputs messages and errors cleared  - Remove selection in the listview  -Uncheck "new" checkbox |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Event Handler: btnExit | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Click |  | Exits the program | Program exits | Program exits |