**Test Function Document**

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| Project Name: Task 2 | |
| Automation Title: test\_display\_csv\_as\_table | Version:1.0 |
| Testing Phase: Phase 1 | Date of Test: 21 Nov 2023 |
| Module Name: Online Shopping Cart | |

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| Function Title: display\_csv\_as\_table | | | | Test Designed by: Iftekhar Kabir chowdhury | | | |
| Test Priority (Low/Medium/High):  Medium | | | | Test Designed Date: 20 Nov 2023 | | | |
| Description: This function shows the product list with price and unit as a table collected from a csv file | | | | Test Executed by: Iftekhar Kabir chowdhury | | | |
| Test Execution date: 21 Nov 2023 | | | |
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| Pre-conditions: None | | | | | | | |
| Dependencies: | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | Valid csv | A csv file | Function returns “Valid csv” | | Function return “"['Product', 'price', 'unit']"” | Fail | Test name: test\_display\_csv\_as\_table\_valid\_csv |
| 2 | With spaces | Csv file data with spaces | Function returns "[Bell Pepper, 1.2 , 8]" | | Function returns "[Bell Pepper, 1.2 , 8]" | Pass | Test name: test\_display\_csv\_as\_table\_with\_spaces |
| 3 | New line character | A csv file with multiple line | Function returns """['price,units,product'  '7,4,Chicken'  'Breast']""" | | Function returns "['price', 'units', 'product']\n['7', '4', 'Chicken ']\n['Breast']\n" | Fail | Test name: test\_display\_csv\_as\_table\_with\_newline\_characters |
| 4 | Empty values | A csv file A csv file with products,price,unit | Function returns "['Cucumber', 'Ice cream', '30', '']\n" | | Function returns '[Cucumber,1, Ice cream,,]' | Fail | Test name: test\_display\_csv\_as\_table\_with\_empty\_values |
| 5 | Unicode characters | A csv file contains Unicode character | Function returns  ("['Water 💦 ', '1', '20', 'Broom🧹', '5', '4']\n") | | Function returns  ("['Water 💦 ', '1', '20', 'Broom🧹', '5', '4']\n") | Pass | Test name:  test\_display\_csv\_as\_table\_with\_unicode\_characters |
| 6 | Missing header | A csv file with out header | Function returns  'missing header' | | Function returns  "['Light Bulbs', '1', '15']\n['VacuumCleaner', '100', '1']\n" | Fail | Test name :  test\_display\_csv\_as\_table\_with\_missing\_header |
| 7 | Mixed data | A csv file with Mixed data | Function returns '[Ice cream,55,34,mango,4,six]' | | Function returns "['Ice cream', '55', '34', 'mango', '4', '6', 'Vacuum Cleaner', '100', '1']\n" | Fail | Test name:  test\_display\_csv\_mixed\_data\_types |
| 8 | Empty csv | An Empty  Csv file | Function returns "Empty csv" | | Function returns StopIteration | Fail | Test name:  test\_display\_csv\_as\_table\_empty\_csv |
| 9 | Duplicate rows | A csv file with Duplicate rows | Function returns '[Pens,0.5,10,Pens,0.5,10]' | | Function returns "['Pens', '0.5', '10']\n['Dumbbells', '20', '2']\n['Pens', '0.5', '10']\n" | Fail | Test name:  test\_display\_csv\_as\_table\_with\_duplicate\_rows |
| 10 | Numeric valus as strings | A csv file with Numeric valus as strings | Function returns "['Trash Bags', '2', '10']\n['Microwave', '80', '1']\n" | | Function returns "['Trash Bags', '2', '10']\n['Microwave', '80', '1']\n" | Pass | Test name:  test\_display\_csv\_as\_table\_with\_numeric\_values\_as\_strings |