**Test Function Document**

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| Project Name: Assignment1 | |
| Automation Title: test\_products | Version: 1.0 |
| Testing Phase: Phase 1 | Date of Test: 24 nov 2023 |
| Module Name: Products | |

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| Function Title: display\_csv\_as\_table | | | | Test Designed by: Pavithra Thathsarani | | | |
| Test Priority (Low/Medium/High): High | | | | Test Designed Date: 16 Nov 2023 | | | |
| Description: This function reads the csv file and display the data as a table. | | | | Test Executed by: Pavithra Thathsarani | | | |
| Test Execution date: 16 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 | Read valid CSV file and display data as table | "Product,Price,Units\nProduct1,10,2\nProduct2,20,1\nProduct3,30,5\n" | "['Product', 'Price', 'Units']\n['Product1', '10', '2']\n['Product2', '20', '1']\n['Product3', " "'30', '5']\n" | | "['Product', 'Price', 'Units']\n['Product1', '10', '2']\n['Product2', '20', '1']\n['Product3', " "'30', '5']\n" | Pass |  |
| 2 | Check the method provide a correct row count in the table | "Product,Price,Units\nProduct1,10,2\nProduct2,20,1\nProduct3,30,5\n" | 4 | | 4 | Pass |  |
| 3 | Check the method provide a correct column count in the table | "Product,Price,Units\nProduct1,10,2\nProduct2,20,1\nProduct3,30,5\n" | 3 | | 3 | Pass |  |
| 4 | Check whether the function return UnicodeDecodeError with pdf file format | File name: example.pdf | Throws UnicodeDecodeError | | Throws UnicodeDecodeError | Pass |  |
| 5 | Check whether the function return UnicodeDecodeError with jpg file format | File name: example.jpg | Throws UnicodeDecodeError | | Throws UnicodeDecodeError | Pass |  |
| 6 | Check whether the function return UnicodeDecodeError with excel file format | File name: example.excel | Throws UnicodeDecodeError | | Throws UnicodeDecodeError | Pass |  |
| 7 | Check whether the function returns FileNotFoundError with non existence file | File name: nonexistent\_file.csv | Throws FileNotFoundError | | Throws FileNotFoundError | Pass |  |
| 8 | Check whether the function returns FileNotFoundError with empty file | Pass empty string as input | Throws FileNotFoundError | | Throws FileNotFoundError | Pass |  |
| 9 | Check whether the function returns TypeError with none input | Pass None as input | Throws TypeError | | Throws TypeError | Pass |  |
| 10 | Check whether the function returns TypeError with list input | List input: [1, 2, 3] | Throws TypeError | | Throws TypeError | Pass |  |
| 11 | Check whether the function returns TypeError with dictionary input | Pass dictionary input : {'filename': 'test.csv'} | Throws TypeError | | Throws TypeError | Pass |  |

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| Function Title: display\_filtered\_table | | | | Test Designed by: Pavithra Thathsarani | | | |
| Test Priority (Low/Medium/High): High | | | | Test Designed Date: 16 Nov 2023 | | | |
| Description: | | | | Test Executed by: Pavithra Thathsarani | | | |
| Test Execution date: 16 nov 2023 | | | |
|  | | | | | | | |
| Pre-conditions: | | | | | | | |
| Dependencies: none | | | | | | | |
|  | | | | | | | |
| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 |  |  |  | |  | Pass |  |
| 2 |  |  |  | |  | Pass |  |
| 3 |  |  |  | |  | Pass |  |
| 4 |  |  |  | |  | Pass |  |
| 5 |  |  |  | |  | Pass |  |

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| Function Title: searchAndBuyProduct | | | | Test Designed by: Pavithra Thathsarani | | | |
| Test Priority (Low/Medium/High): High | | | | Test Designed Date: 16 Nov 2023 | | | |
| Description: | | | | Test Executed by: Pavithra Thathsarani | | | |
| Test Execution date: 16 nov 2023 | | | |
|  | | | | | | | |
| Pre-conditions: | | | | | | | |
| Dependencies: Cart class | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 |  |  |  | |  | Pass |  |
| 2 |  |  |  | |  | Pass |  |