**Test Function Document**

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| Project Name: | |
| Automation Title: | Version: |
| Testing Phase: | Date of Test: |
| Module Name: Online Shopping Cart | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Function Title:Load\_Products\_from\_CSV | | | | Test Designed by: | | | |
| Test Priority (Low/Medium/High): | | | | Test Designed Date: | | | |
| Description: | | | | Test Executed by: | | | |
| Test Execution date: | | | |
|  | | | | | | | |
| Pre-conditions:None | | | | | | | |
| Dependencies: None | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | VEC1 | Products in csv file | Function returns no.of rows as 71 | | Function returns no.of rows as 71 | Pass | Testcase 1 to calculate the no.of rows after load csv file run |
| 2 | IEC1 | CSV file with string prices | Raises TypeError | | TypeError | Pass | Testcase 2 to calculate what happenes when a string is entered in price field |
| 3 | VEC2 | CSV file with valid data | Products loaded with correct values | | Products loaded with correct values | Pass | Testcase 3 to check the loaded products have the correct value. |
| 4 | IEC2 | Non-existing File | Raised File not found error | | File not found error raised as expected | Pass | Testcase 4 to check nonexisting file is handled |
| 5 | IEC3 | Empty CSV file path | Returns an empty list | | Actual is TypeError | Fail | Testcase 5 to handles an empty file |
| 6 | IEC4 | CSV file with missing columns | Raises `ValueError` | | Actual is Keyerror | Fail | Testcase 6 to handle is missing columns in csv |
| 7 | IEC5 | CSV file with invalid numeric values | Raises `ValueError` | | ValueError` raised as expected | Pass | Check if the function handles a CSV file with invalid numeric values |
|  | IEC6 | CSV file with negative units | Loads products with negative units | | Products loaded with negative units | Pass | Check if the function handles a CSV file with negative units |
|  | IEC7 | CSV file with negative prices | Loads products with negative prices | | Products loaded with negative prices | Pass | Check if negative prices result in an empty product list |
|  | IEC8 | CSV file with special characters | Loads products with special characters | | Products loaded with special characters | Pass | Check if special characters are getting added in the product list |