**Task\_3 Function Document**

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| Project Name: Online Shopping Cart | |
| Automation Title: test\_3 | Version: 1.0 |
| Testing Phase: Phase 1 | Date of Test: 27 Nov 2024 |
| Module Name: online\_shopping\_cart | |

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| Function Title: get\_products | | | | Test Designed by: Jiaying He | | | |
| Test Priority (Low/Medium/High): Medium | | | | Test Designed Date: 24 Nov 2024 | | | |
| Description: The get\_product function load products from a CSV file, and it has a default CSV file. | | | | Test Executed by: Jiaying He | | | |
| Test Execution date: 26 Nov 2024 | | | |
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| Pre-conditions: Login status | | | | | | | |
| Dependencies: get\_csv\_data | | | | | | | |
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| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | IEC1 | user.name=  TestUser;  user.wallet=20;  Filename=  nonexistent\_  \_file.csv" | Raise FileNotFoundError | | Raise FileNotFoundError | Pass | Invalid EC label starts with IEC.  Input is a non-existent file.  Test name: test\_get\_products\_invalid  \_file() |
| 2 | IEC2 | user.name=  TestUser;  user.wallet=20;  file=  {"Name": "Apple", "Cost": "2.5"} | Raise KeyError | | Raise KeyError | Pass | Input is a csv file with wrong format.  Test name: test\_get\_products\_  invalid\_csv() |
| 3 | VEC1 | user.name=  TestUser;  user.wallet=20;  file=  replace\_data | Return parsed Product objects | | Return parsed Product objects | Pass | Valid input label starts with VEC.  Test name: test\_get\_  products\_success() |
| 4 | VEC2 | user.name=  TestUser;  user.wallet=20;  file=  {} | Return an empty product list | | Return an empty product list | Pass | Valid but empty csv file  Test name: test\_get\_products\_empty() |