**Test Function Document**

|  |  |
| --- | --- |
| Project Name: Assignment 1 | |
| Automation Title: | Version: |
| Testing Phase: | Date of Test: |
| Module Name: Online Shopping Cart | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Function Title: login() | | | | Test Designed by: Julius Amorim | | | |
| Test Priority (Low/Medium/High): High | | | | Test Designed Date:2024-11-25 | | | |
| Description: This function authenticates users by verifying their username and password. If the user does not exist, they are prompted to register. | | | | Test Executed by:Julius Amorim | | | |
| Test Execution date: 2024-11-27 | | | |
|  | | | | | | | |
| Pre-conditions:  users.json must exist and contain valid user data. | | | | | | | |
| Dependencies:  UserAuthenticator.login()  UserDataManager.load\_users()  Get\_data() | | | | | | | |
|  | | | | | | | |
| S. No | Equivalence Class | Test case data | Expected Results | | Actual Results | Status (Pass/Fail) | Notes |
| 1 | Valid login credentials | Username: "Ramanathan", Password: "Notaproblem23\*" | User data returned | | |  | | --- | | Matches expectation |  |  | | --- | |  | | pass | Make sure valid login works |
| 2 | Invalid password type | Username: "Ramanathan", Password: "123456" | Exception raised for invalid datatype credentials. | | Matches my expectation | pass | Make sure wrong data structure raises error |
| 3 | Invalid username type | Username: "123", Password: "Notaproblem23\*" | Exception raised for invalid datatype credentials. | | Matches my expectation | pass | -||- |