# Software Testing: LO3 Test Results

## R1: Member Login

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| **Scenario** | **Inputs** | **Expected Output** | **Actual Output** | **Result (Pass/Fail)** |
| Valid login | username: “nick\_pope”, password: “popey22” | “Login successful!” | “Login successful!” | PASS |
| Invalid username | username: “alex\_isak”, password: “popey22” | “Invalid username or password.” | “Invalid username or password.” | PASS |
| Invalid password | username: “nick\_pope”, password: “popey32” | “Invalid username or password.” | “Invalid username or password.” | PASS |
| Empty username and password | username: “ ”, password: “ ” | “Invalid username or password.” | “Invalid username or password.” | PASS |

## R2: Member Data Persistence

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| --- | --- | --- | --- | --- |
| **Scenario** | **Inputs** | **Expected Output** | **Actual Output** | **Result (Pass/Fail)** |
| Register new user and verify records persist after restarting system | username: “sandro\_tonali”, password: “tonali\_8”, full name: “Sandro Tonali” | In members.txt file: sandro\_tonali,tonali\_8,Sandro Tonali | In members.txt file: sandro\_tonali,tonali\_8,Sandro Tonali | PASS |

## R3: Member Registration Input Validation

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| **Scenario** | **Inputs** | **Expected Output** | **Actual Output** | **Result (Pass/Fail)** |
| Valid member | username: “john\_doe”, password: “password123”,  full name: “John Doe” | testValidMemberRegistration() passes | testValidMemberRegistration() passes | PASS |
| Empty username (invalid) | username: “”, password: “password123”,  full name: “John Doe” | testEmptyUsername() passes | testEmptyUsername() passes | PASS |
| Short password (invalid) | username: “john\_doe”, password: “123”,  full name: “John Doe” | testShortPassword() passes | testShortPassword() passes | PASS |
| Empty full name | username: “john\_doe”, password: “password123”,  full name: “” | testEmptyFullName() passes | testEmptyFullName() passes | PASS |