**📌 Project Overview**

This project focuses on the manual testing of the login functionality of the VWO web application (https://app.vwo.com/#/login). The goal was to validate the correctness, security, usability, and UI behavior of the login form through extensive test case design and execution.

**👨‍💻 QA Tester:**

**Muhammad Waqar Ajmal**  
**Tools Used:** Excel, Browser, Manual Testing  
**Date:** 10/7/2025

**🧪 Testing Scope**

* Functional Testing
* UI/UX Validation
* Input Validation (Positive & Negative)
* Edge Case Handling

| **Item** | **Count** |
| --- | --- |
| Total Test Cases Designed | 52 |
| 🧪 Total Test Cases Executed | 52 |
| 🟢 Passed Test Cases | 49 |
| 🔴 Failed Test Cases | 3 (logged as bugs) |
| 🐞 Bugs Identified | 3 |
| Tools Used | Microsoft Excel, Web Browser (Chrome), Manual Testing Methods |

**📊 Execution Summary**

**🐞 Bugs Identified**

1. **Sign In button is not disabled when both username and password fields are empty**
2. **Sign In button is not disabled when username is missing**
3. **Sign In button is not disabled when password is missing**

Each bug was documented with detailed reproduction steps and supporting screenshots.

**Conclusion**

The login module of the VWO app passed most functional and validation tests. However, **three UI validation issues were discovered** regarding the behavior of the Sign In button when required fields are empty. These issues were reported with clear evidence and steps.

This test project demonstrates hands-on knowledge of:

* Manual test case design
* Bug reporting
* UI validation
* Real-world QA thinking and workflow