## ****FINVERSE - TEST SUMMARY REPORT****

**Project:** FinVerse – Currency & Stock Exchange Web App  
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**Organization:** Merge Minds  
**Date:** 14th October 2025

### ****1. Objective****

The purpose of this **Test Summary Report** is to provide a comprehensive overview of all testing activities conducted for the FinVerse project.  
It summarizes the test execution results, defect statistics, environment details, and final quality assessment to determine the product’s readiness for release.

### ****2. Test Execution Overview****

| **Metric** | **Result** |
| --- | --- |
| **Total Test Cases Designed** | 62 |
| **Total Test Cases Executed** | 62 |
| **Total Test Cases Passed** | 52 |
| **Total Test Cases Failed** | 8 |
| **Blocked / Deferred Cases** | 2 |
| **Test Execution Coverage** | 100% |
| **Pass Percentage** | 83.8% |

### ****3. Module-wise Test Summary****

| **Module** | **Total Cases** | **Passed** | **Failed** | **Blocked** | **Remarks** |
| --- | --- | --- | --- | --- | --- |
| User Authentication | 5 | 3 | 2 | 0 | Minor issues with signup and password reset |
| Wallet Management | 4 | 3 | 1 | 0 | Withdraw error under insufficient balance |
| Trading Operations | 4 | 2 | 2 | 0 | Delay and portfolio update issues |
| Market Data Integration | 3 | 2 | 1 | 0 | API fallback not working |
| Admin Dashboard | 4 | 3 | 1 | 0 | Notification email issue |
| UI/UX & Responsiveness | 3 | 2 | 1 | 0 | Mobile misalignment issue |
| **Total** | **23** | **15** | **8** | **0** | **All major issues logged and under review** |

### ****4. Defect Summary****

| **Severity** | **No. of Defects** | **Resolved** | **In Progress** | **Open** |
| --- | --- | --- | --- | --- |
| **Critical** | 2 | 0 | 1 | 1 |
| **High** | 2 | 1 | 1 | 0 |
| **Medium** | 2 | 1 | 0 | 1 |
| **Low** | 2 | 1 | 1 | 0 |
| **Total** | **8** | **3** | **3** | **2** |

### ****5. Tools and Environment****

* **Testing Tools:** JIRA, GitHub Actions (CI/CD), Visual Studio Code
* **Test Data Source:** Mock API for Forex & Stock Data
* **Browsers Tested:** Chrome
* **Operating Systems:** Windows 11

### ****6. Key Findings****

* The application is **functionally stable** with only minor and moderate defects remaining.
* Major workflows like login, trading, and wallet management operate correctly.
* Critical issues (portfolio delay and API fallback) are isolated to specific backend responses.
* UI is clean and responsive except on certain mobile resolutions.
* System performance under mock load tests was satisfactory.

### ****7. Recommendations****

* Fix remaining **critical defects (B005, B006)** before User Acceptance Testing (UAT).
* Conduct one more **regression test cycle** post-fix to verify defect closure.
* Improve **email notification reliability** and **mobile responsiveness**.
* Proceed to **UAT phase** once critical defects are confirmed resolved.

### ****8. Conclusion****

Based on the testing performed, **FinVerse Web App** demonstrates satisfactory functionality and stability for a demo trading platform.  
With pending critical issues under fix, the QA team recommends the project to move forward for **User Acceptance Testing (UAT)** upon re-validation of defect resolutions.

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