# ModeFair Home Assessment – Muhammad Afiq Izzuddin bin Rosli

**Question 1**

**Scenario 1: Currency Conversion**

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| **Test Case ID** | **Test Case Scenario Description** | **Preconditions** | **Steps** | **Expected Results** | **Pass/Fail** |
| TC\_01 | Convert USD to EUR | User is logged in, exchange rate API is up and running | 1. Open Convert Currency module  2. Select USD as the source currency  3. Select EUR as the target currency  4. Enter amount: 100  5. Click Convert | Correct EUR amount displayed based on the latest exchange rate |  |
| TC\_ 02 | Convert EUR to GBP | User is logged in, exchange rate API is up and running | 1. Open Convert Currency module  2. Select EUR as the source currency  3. Select GBP as the target currency  4. Enter amount: 50  5. Click Convert | Correct GBP amount displayed based on the latest exchange rate |  |
| TC\_ 03 | Invalid amount input | User is logged in | 1. Open Convert Currency module  2. Select USD as the source currency  3. Select EUR as the target currency  4. Enter amount: "ABC”  5. Click Convert | Error message displayed: "Invalid amount. Please enter a numeric value." |  |
| TC\_ 04 | Unsupported currency | User is logged in | 1. Open Convert Currency module  2. Select unsupported currency (e.g., BTC) as the source currency  3. Select EUR as the target currency  4. Enter amount: 100  5. Click Convert | Error message displayed: "Currency not supported." |  |
| TC\_ 05 | High precision conversion | User is logged in, exchange rate API supports high precision | 1. Open Convert Currency module  2. Select USD as the source currency  3. Select JPY as the target currency  4. Enter amount: 1000.123456  5. Click Convert | Correct JPY amount displayed with precision up to 6 decimal places. |  |