Acceptance testing scenario and test results

Scenario 1: Fetching and displaying exchange rates

Description: The data should be fetched from the NBP platform within 3 seconds on any page of the application and displayed in the appropriate section.

Result: Positive

Priority: High

Scenario 2: Changing default currency

Description: Changing the default currency in any section of the application results in the currency selection being updated in other sections of the application.

Result: Positive

Priority: Medium

Scenario 3: Navigation and section display

Description: Switching sections in any part of the application results in the selected section being transferred and loaded within 2 seconds.

Result: Positive

Priority: Low

Scenario 4: Session analysis

Description: On the session analysis section when the user selects a currency, start date and time period then a line chart showing session analysis and the number of increasing, decreasing, and unchanged sessions should be displayed. The default currency is the EUR, start date is the first day of the previous month, while the default time period is one month.

Result: Positive

Priority: High

Scenario 5: Statistical measures

Description: On the statistical measures section when the user selects a currency, start date, and time period then the mode, median, standard deviation and coefficient of variation should be displayed in textual form. The default currency is EUR, start date is the first day of the previous month, while the default time period is one month.

Result: Positive

Priority: High

Scenario 6: Change distribution

Description: On the change distribution section when the user selects a currency pair, start date and time period then a bar chart showing the distribution of changes should be displayed. The default settings should be EUR to PLN, the first day of the previous month, and one month.

Result: Positive

Priority: High

Scenario 7: Handling invalid inputs

Description: On any section of application when the user submits the form then the application should display a meaningful error message and guide the user to correct the input.

Result: Negative (Positive after fix)

Who detected: Kacper Michalec

Priority: High

Issue encountered: There is wrong error message with selected PLN currency on the session analysis and statistical measures sections. The change distribution section lacks an error message when the same currencies are selected.

Steps to repeat:

1. On the session analysis and statistical measures sections
    a. Navigate to the session analysis or statistical measures sections
    b. Choose PLN currency
2. On the change distribution section
    a. Navigate to the change distribution section
    b. Choose any "from" currency
    c. Choose the same currency in the "to" currency as in the "from" currency